Curriculum Overview

General Courses and Electives

(CTE courses are detailed in a separate catalog)

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Ignitia offers **43 Career and Technical Education** courses.

These courses are detailed in a separate catalog.
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Middle School
Career Explorations I
Career Explorations II
Career Explorations III
Keyboarding and Applications
Principles of Coding

Architecture and Construction
Introduction to Careers in Architecture and Construction
Construction Careers

Arts, A/V Technology and Communications
Introduction to Careers in Arts, A/V Technology and Communications
A/V Technology and Film Careers

Business Management and Administration
Business Law
Career Management
Office 2013 Applications I
Office 2013Applications II
Office Applications I
Office Applications II
Small Business Entrepreneurship
Technology and Business

Education and Training
Introduction to Careers in Education and Training
Teaching and Training Careers

Finance
Introduction to Careers in Finance
Banking Services Careers

Government and Public Administration
Introduction to Career in Government and Public Administration
National Security Careers

Health Science
Careers in Allied Health
Nursing: Unlimited Possibilities and Unlimited Potential

Human Services
Introduction to Consumer Services

Information Technology
Introduction to Information Technology
Fundamentals of Computer Systems
Fundamentals of Digital Media
Fundamentals of Programming and Software Development
Introduction to Information Technology Support and Services
Introduction to Network Systems
Network System Design
New Applications: Web Development in the 21st Century
Software Development Tools

Manufacturing
Introduction to Careers in Manufacturing
Careers in Manufacturing Processes

Marketing
Introduction to Careers in Marketing
Careers in Marketing Research

STEM (Science, Technology, Engineering and Mathematics)
Engineering and Design
Engineering and Innovation
Engineering and Product Development

Transportation, Distribution and Logistics
Introduction to Careers in Transportation, Distribution, and Logistics
Careers in Logistics Planning and Management Services

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Bible

Bible 300

Bible 300 begins a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on Christian living, the lives of Jesus and Joseph, Bible study methods, Bible archaeology, friendship, and Christian service. These areas target five content strands: biblical literature, biblical background, Christian growth, Christian evidences, and friendship (a special topic).

Objectives

- Identify how a Christian lives for God.
- Provide an overview of the life of Jesus.
- Provide an overview of the life of Joseph.
- Explain how a Christian can use the Bible.
- Discuss how God takes care of His children.
- Defend the Bible as the Word of God.
- Understand the nature and role of archaeology as they relate to the Bible.
- Explain the need and role of biblical friendships.
- Discuss how Christians help other people.

Bible 300	Unit 1: You Can Use the Bible	
	Assignments	
	1. Course Overview	10. How to Memorize Verses
	2. Why Study the Books of the Bible?	11. Quiz 3
	3. Old Testament	12. Time for the BIBLE
	4. New Testament	13. Quiz 4
	5. Quiz 1	14. Special Project*
	6. Be a Detective	15. Test
	7. Study the Bible	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Verses of the Bible	

Bible 300	Unit 2: The Life of Jesus Christ	
	Assignments	
	1. A True Story	11. Quiz 3
	2. The Angel Visits Mary and Joseph	12. Jesus is the Son of God
	3. Jesus is Born	13. Jesus Died on the Cross
	4. Quiz 1	14. Jesus Lives Again
	5. Jesus as a Boy	15. Quiz 4
	6. Teachers at the Temple	16. Special Project*
	7. Quiz 2	17. Test
	8. Jesus as a Man	18. Alternate Test*
	9. Jesus Shows Us How to Live	19. Reference
	10. Jesus Saves People	

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Bible 300

Unit 3: Joseph! What Was God's Plan?

Assignments

1. Meet Joseph
2. A Deep, Dark Pit
3. Traders
4. Quiz 1
5. Life in Egypt
6. Prison
7. Still More Dreams
8. Quiz 2
9. A Famine
10. Joseph's Brothers
11. A Plan
12. Quiz 3
13. Special Project*
14. Test
15. Alternate Test*
16. Reference

Bible 300

Unit 4: Living for God

Assignments

1. Abraham Loved God
2. Abraham Obeyed God
3. Ellen Learns About Loving and Obeying
4. Quiz 1
5. Paul and Silas in Jail
6. Paul and Silas Praised God
7. David Praised God
8. Quiz 2
9. Israelites Worshipped the Golden Calf
10. Israelites Learn True Worship
11. Jamie Learns About Worship
12. Quiz 3
13. Daniel Served God
14. Loving and Serving God
15. Bill Makes a Choice
16. Quiz 4
17. Special Project*
18. Test
19. Alternate Test*
20. Reference

Bible 300

Unit 5: God Takes Care of His People

Assignments

1. God Cares for You
2. God Showed that He Cares
3. Quiz 1
4. God Guides and Protects You
5. God Protected Three Believers
6. Quiz 2
7. God Blesses You
8. God Blessed a Good Man
9. Quiz 3
10. Special Project*
11. Test
12. Alternate Test*
13. Reference

Bible 300

Unit 6: The Bible Is the Word of God

Assignments

1. The Writers
2. Putting it all Together
3. Quiz 1
4. God's Word is Preserved: Josiah
5. Treasure in the Trash Can
6. Quiz 2
7. God's Word Changes Lives: Nehemiah
8. Project: Rebuilding the Walls
9. Quiz 3
10. God's Word Has Promises: Jesus
11. More Promises
12. Ronnie Finds a Shepherd
13. Quiz 4
14. Special Project*
15. Test
16. Alternate Test*
17. Reference

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Bible 300

Unit 7: Archaeology and the Bible

Assignments

1. Preparing the Hunt
2. Project: Be an Archaeologist
3. The Clue of Old Stories
4. Project: Language*
5. Quiz 1
6. Supporting God's Word
7. Explaining Puzzles
8. Quiz 2
9. Genesis Discoveries
10. Solomon's Riches and New Testament Places
11. Project: Bible Archaeology
12. Quiz 3
13. Special Project*
14. Test
15. Alternate Test*
16. Reference

Bible 300

Unit 8: God Gave Us the Need for Friends

Assignments

1. We Need Love
2. God Gave Commandments About Love
3. Quiz 1
4. We Need Friendship
5. Project: Story*
6. Project: Story Ending*
7. Project: Friendship
8. True Friendship
9. Quiz 2
10. Others Need Our Friendship
11. God Commands Us to Love Others
12. Project: Loving Acts
13. Quiz 3
14. Special Project*
15. Test
16. Alternate Test*
17. Reference

Bible 300

Unit 9: God Wants Man to Help Man

Assignments

1. Who am I to Care For?
2. How Should I Treat Others?
3. Quiz 1
4. Why Should I Serve Others?
5. God Loves Others Through Me
6. Quiz 2
7. Who will Care for Me?
8. God will Care for Me
9. Quiz 3
10. Special Project*
11. Test
12. Alternate Test*
13. Reference

Bible 300

Unit 10: Review

Assignments

1. The Word of God
2. The Written Word
3. Writers of the Word
4. Quiz 1
5. Son of God Makes the Word Known
6. Life of Jesus
7. Project: Story of Jesus
8. Death and Resurrection
9. Quiz 2
10. The Children of God
11. Project: Write a Psalm
12. Members of God's Family
13. Quiz 3
14. Special Project*
15. Test
16. Alternate Test*
17. Reference

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Bible 400

Bible 400 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on the lives of Peter and Paul (also known as Saul), the existence and knowledge of God, Bible study methods, Psalm 23, Old Testament geography, and Christian witnessing. These areas target five content strands: theology, the attributes of God, biblical literature, biblical background, and Christian evidences.

Objectives

- Understand the nature and benefits of the knowledge of God.
- Describe the lives and ministries of the apostles Peter and Paul.
- Learn and memorize the Bible more effectively.
- Explain the design and message of Psalm 23.
- Provide evidences for the existence of God.
- Demonstrate an understanding of Old Testament geography.
- Witness for Christ with more knowledge and effectiveness.

Bible 400	Unit 1: How Can I Live for God?	
	Assignments	
	1. Course Overview	10. Project: Morse Code*
	2. How Peter Lived for God: Peter Found Jesus	11. Grow and Be Fruitful
	3. Peter Followed Jesus	12. Project: Prayers for Others*
	4. Project: Dear Hali	13. Quiz 2
	5. Project: Book Report*	14. Special Project*
	6. Peter Fished for Men and Fed Sheep	15. Test
	7 Project: Jerusalem Journal	16. Alternate Test*
	8. Quiz 1	17. Reference
	9. How I Can Live for God: God's Family	

Bible 400	Unit 2: God's Knowledge	
	Assignments	
	1. Evidence of God's Knowledge: Creation	12. Project: Story*
	2. Evidence of God's Knowledge: Love	13. Quiz 3
	3. Quiz 1	14. Use of God's Knowledge: Desire the Best Knowledge
	4. Instruction of God's Knowledge: Bible	15. The Use of God's Knowledge: Seek God When You Are Young
	5. Instruction of God's Knowledge: Jesus and the Holy Spirit	16. Quiz 4
	6. Instruction of God's Knowledge: Prayer	17. Special Project*
	7. Project: Prayer	18. Test
	8. Instruction: Christian Living	19. Alternate Test*
	9. Quiz 2	20. Reference
	10. The Benefits of God's Knowledge: Salvation	
	11. The Benefits of God's Knowledge: Daily Living	

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Bible 400

Unit 3: Saul Begins to Live for God

Assignments

1. Saul's Background
2. Persecution: In Jerusalem
3. Persecution: Saul Travels to Damascus
4. Quiz 1
5. God Changes Saul's Life
6. Project: Saul
7. Quiz 2
8. God Uses Saul: To Preach
9. Paul Learns
10. Quiz 3
11. Special Project*
12. Test
13. Alternate Test*
14. Reference

Bible 400

Unit 4: The Bible and Me

Assignments

1. Studying the Bible: Reading
2. Project: Bible Reading*
3. Studying the Bible: Learning
4. Project: Commands
5. Studying the Bible: Thinking
6. Quiz 1
7. Memorizing the Bible
8. Quiz 2
9. Living the Bible Way: Obeying Parents
10. Living the Bible Way: Being Friends
11. Project: Proverbs*
12. Living the Bible Way: Gaining Wisdom
13. Living the Bible Way: Telling the Truth
14. Quiz 3
15. Special Project*
16. Test
17. Alternate Test*
18. Reference

Bible 400

Unit 5: God Cares for Us

Assignments

1. David the Shepherd
2. God Cares for David
3. Quiz 1
4. Psalm 23: Jesus Chooses and Leads His Sheep
5. Psalm 23: Jesus Feeds His Sheep
6. Psalm 23: Jesus Guides His Sheep
7. Psalm 23: Jesus Protects His Sheep
8. Psalm 23: Jesus Loves/Welcomes His Sheep
9. Project: My Psalm
10. Quiz 2
11. Daniel the Helper
12. God Cares for Daniel
13. Quiz 3
14. Memory Verse Quiz
15. Special Project*
16. Test
17. Alternate Test*
18. Reference

Bible 400

Unit 6: How Can I Know God Exists?

Assignments

1. God's Plan for People
2. The Jewish Savior
3. Project: Note to Jesus
4. Quiz 1
5. Man's Search for God: Thomas Aquinas
6. Science and The Bible: The Earth
7. Science and The Bible: Your Body
8. Quiz 2
9. Man and Religion
10. God and Man
11. Project: Books of The Bible
12. Quiz 3
13. Special Project*
14. Test
15. Alternate Test*
16. Reference

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Bible 400	Unit 7: Geography of the Old Testament	
	Assignments	
	1. Bible Lands	10. Abraham's Descendants: Isaac and Jacob
	2. Fertile Crescent	11. Abraham's Descendants: Joseph
	3. Surface of the Land	12. The Land of Goshen
	4. Project: Animals in the Bible*	13. Wilderness and the Promised Land
	5. Project: Plants in the Bible*	14. Quiz 2
	6. Quiz 1	15. Special Project*
	7. Old Testament Men and Bible Lands	16. Test
	8. Famine	17. Alternate Test*
	9. Products of the Land	18. Reference

Bible 400	Unit 8: God-Given Worth	
	Assignments	
	1. Who Am I?	9. Quiz 2
	2. Project: Fable	10. How Does God Want Me to See Myself?
	3. Am I Worthy?	11. Knowing that God Helps Me
	4. Quiz 1	12. Quiz 3
	5. God Is My Creator and My Father	13. Special Project*
	6. Wonderfully Taken Care of	14. Test
	7. Wonderfully Adopted	15. Alternate Test*
	8. Savior, Jesus	16. Reference

Bible 400	UNIT 9: WITNESSING FOR JESUS	
	Assignments	
	1. A Living Witness	11. Project: Susie Reaches Out*
	2. Living a New Life	12. Knowing Who Jesus Is
	3. Loving Others	13. Following Paul's Example
	4. Project: The Samaritan Shows Love	14. Using Personal Testimony
	5. Project: How I Can Show Love*	15. Project: Witnessing Practice
	6. Following Jesus	16. Quiz 2
	7. Showing Kindness to All	17. Special Project*
	8. Quiz 1	18. Test
	9. A Telling Witness	19. Alternate Test*
	10. Reaching People	20. Reference

Bible 400	Unit 10: God's Way Is Perfect	
	Assignments	
	1. Learning God's Way	10. Quiz 2
	2. Studying the Bible	11. Loving God's Way
	3. Memorizing the Bible	12. Reaching Others
	4. Examining Science	13. Quiz 3
	5. Understanding Geography	14. Memory Verse Quiz
	6. Quiz 1	15. Special Project*
	7. Living God's Way	16. Test
	8. Walking in the Spirit	17. Alternate Test*
	9. Trusting in God	18. Reference

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Bible 500

Bible 500 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on biographies of faithful people, angels, the presence of God, Bible study methods, the Christian's relationships, and Paul's missionary journeys. These areas target five content strands: theology, the attributes of God, biblical literature, biblical background, and Christian evidences.

Objectives

- Follow the examples of godly Christians.
- Understand the nature and ministry of angels.
- Appreciate the presence of God everywhere and in their lives.
- Distinguish between the different types of literature in the Bible.
- Discuss biblical proofs for what Christians believe.
- Identify key people, places, and events in Paul's missionary journeys.
- Understand the different ways that God is a judge.
- Explain the role of law and authority in God's world.

Bible 500	Unit 1: How Others Lived For God		
	Assignments		
	1.	Course Overview	12. Quiz 2
	2.	Believers in God	13. Noah and Ruth
	3.	Abraham, Man of Faith	14. Overview: Noah and Ruth*
	4.	Overview: Abraham	15. Hannah, Jonah, and Peter
	5.	Quiz 1	16. Overview: Hannah, Jonah, Peter*
	6.	Paul, More than a Conqueror	17. Great Cloud of Witnesses
	7.	Overview: Paul*	18. Quiz 3
	8.	David, A Man After God's Heart	19. Special Project*
	9.	Overview: David	20. Test
	10.	John, Apostle of Love	21. Alternate Test*
	11.	Overview: John*	22. Reference

Bible 500	Unit 2: Angels		
	Assignments		
	1.	Angels are Real	9. Angels During Jesus' Ministry
	2.	Kinds of Angels	10. Angels at the End of Jesus' Earthly Ministry
	3.	Quiz 1	11. Quiz 3
	4.	Speaking to God's Children	12. Special Project*
	5.	Protecting God's Children	13. Test
	6.	Guiding and Caring for God's Children	14. Alternate Test*
	7.	Quiz 2	15. Reference
	8.	Angels at Jesus' Birth and Early Life	

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Bible 500

Unit 3: The Presence of God

Assignments

1. God Is Present Everywhere
2. God Is Present Everywhere as a Person
3. Activity: Problem Solving*
4. Quiz 1
5. In the Lives of Adam, Eve, Israel, Joshua, Gideon
6. In the Lives of Hebrews in Babylon, Disciples, Believers
7. In the Lives of David Brainerd and David Livingstone
8. In the Life of Gladys Aylward
9. Activity: Write a Story*
10. Quiz 2
11. In My Life: Communicates and Saves
12. In My Life: Helps and Provides
13. Project: The Main Idea
14. Quiz 3
15. Special Project*
16. Test
17. Alternate Test*
18. Reference

Bible 500

Unit 4: Bible Methods and Structure

Assignments

1. The Bible: One Book
2. The Bible: Many Parts
3. Report: History of the Bible
4. Quiz 1
5. The Old Testament: Books of History
6. Books of Poetry
7. Books of Prophecy/ Intro to New Testament
8. Quiz 2
9. The New Testament: Introduction
10. The Life of Jesus Christ
11. Followers of Jesus
12. Epistles
13. Quiz 3
14. Special Project*
15. Test
16. Alternate Test*
17. Reference

Bible 500

Unit 5: The Christian in the World

Assignments

1. At Home: Hearing and Obeying
2. At Home: Correction
3. Quiz 1
4. At School: Relationships
5. At School: Good Attitudes
6. Activity: The Gossip Game*
7. At School: Good and Bad Attitudes
8. Quiz 2
9. At Work: Relationships
10. At Work: Good Attitudes
11. At Work: Bad Attitudes
12. Quiz 3
13. Special Project*
14. Test
15. Alternate Test*
16. Reference

Bible 500

Unit 6: Proving What We Believe

Assignments

1. The Bible Is God's Word: Biblical Evidence
2. Evidence from History
3. Evidence from Human Experience
4. Quiz 1
5. The World Was Created: Physical Science
6. Evidence from Life Science
7. Quiz 2
8. Christ Arose: Prophecy Fulfilled
9. Evidence from Eyewitnesses
10. Evidence from Christian Experience
11. Project: What I Believe
12. Quiz 3
13. Special Project*
14. Test
15. Alternate Test*
16. Reference

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Bible 500

Unit 7: Paul's Missionary Journeys

Assignments

1. Paul's Preparation: Background
2. Relation to Judaism
3. Conversion, Early Training, and Ministry
4. Barnabas
5. Quiz 1
6. Paul's First Missionary Journey
7. Iconium/Lystra/Derbe/Jerusalem Council
8. Paul's Second Missionary Journey
9. Philippi/Berea/Athens/Corinth
10. Report: Disagreements*
11. Quiz 2
12. Paul's Third Missionary Journey
13. Paul's Last Years and Message
14. Quiz 3
15. Special Project*
16. Test
17. Alternate Test*
18. Reference

Bible 500

Unit 8: God Created Man for Eternity

Assignments

1. Preparing for Eternity
2. Project: Eternity
3. Report: Sanhedrin*
4. Growing in Christ
5. Blessings on Earth
6. Quiz 1
7. Christ Is our Judge
8. The Judgment of the Christian
9. Rewards in Heaven
10. Quiz 2
11. The Great White Throne Judgment
12. Quiz 3
13. Special Project*
14. Test
15. Alternate Test*
16. Reference

Bible 500

Unit 9: Authority and Law

Assignments

1. God: The Source of All Authority
2. Jesus Is the Model of Obedience
3. The Holy Spirit Is the Guide
4. Quiz 1
5. Authority in the Family
6. Report: Delegated Authority
7. Living Governed by Family Authority
8. Quiz 2
9. Government: Agency of Authority and Law
10. Activity: Life Without Government
11. Types of Government
12. Living with Governmental Law and Authority
13. Quiz 3
14. Special Project*
15. Test
16. Alternate Test*
17. Reference

Bible 500

Unit 10: Review

Assignments

1. The Presence of God
2. Angels
3. Activity: Angel Story*
4. Quiz 1
5. Understanding God's Word: Bible Structure
6. Bible Truth
7. Quiz 2
8. Living for God: Faithfulness
9. Obedience
10. Loving Service
11. Quiz 3
12. Order of God's Authority
13. Areas of Our World
14. Outcome of Our Lives
15. Quiz 4
16. Special Project*
17. Test
18. Alternate Test*
19. Reference

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Bible 600

Bible 600 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on a brief survey of the Old and New Testaments, with special emphasis upon the key people, places, and events from the book of Genesis to the book of Revelation. These areas target three content strands: theology, biblical literature, and biblical background.

Objectives

- Present an overview of the biblical story from Genesis to Revelation.
- Identify key people, places, and events in the Old and New Testaments.
- Discuss the primary eras in the history of Israel and the Church.
- Appreciate the importance of Israel and the Kingdom in the Old Testament.
- Appreciate the importance of the Church in the New Testament.
- Demonstrate the influence of the Old Testament in the New Testament.
- Explain important themes and teachings throughout the Bible.

Bible 600	Unit 1: From Creation to Moses			
	Assignments			
	1.	Course Overview	14.	Alternate Quiz 2—Form B: Abraham to Joseph*
	2.	Creation	15.	Moses and the Law
	3.	From the First Family to the Flood	16.	Activity: Ten Commandments
	4.	Quiz 1: Creation to the Flood	17.	Remaining Books of the Law
	5.	Alternate Quiz 1—Form A: Creation to the Flood*	18.	Quiz 3: Moses
	6.	Alternate Quiz 1—Form B: Creation to the Flood*	19.	Alternate Quiz 3—Form A: Moses*
	7.	Abraham and His Descendants	20.	Alternate Quiz 3—Form B: Moses*
	8.	Abram, Sarai, and Isaac	21.	Review
	9.	Descendants of Abraham	22.	Special Project*
	10.	Joseph	23.	Test
	11.	Activity: Joseph in Egypt	24.	Alternate Test—Form A*
	12.	Quiz 2: Abraham to Joseph	25.	Alternate Test—Form B*
	13.	Alternate Quiz 2—Form A: Abraham to Joseph*	26.	Glossary and Credits

Bible 600	Unit 2: From Joshua to Ruth			
	Assignments			
	1.	Conquest of the Land	12.	Three Women
	2.	Activity: Conquest of Jericho	13.	The Story of Ruth
	3.	Division of the Land/Death of Joshua	14.	Quiz 3: God's Perfect Plan
	4.	Quiz 1: The Promised Land	15.	Alternate Quiz 3—Form A: God's Perfect Plan*
	5.	Alternate Quiz 1—Form A: The Promised Land*	16.	Alternate Quiz 3—Form B: God's Perfect Plan*
	6.	Alternate Quiz 1—Form B: The Promised Land*	17.	Review
	7	Judges: From Othneil to Shamgar	18.	Special Project*
	8.	Judges: From Deborah to Samson	19.	Test
	9.	Quiz 2: Judges	20.	Alternate Test—Form A*
	10.	Alternate Quiz 2—Form A: Judges*	21.	Alternate Test—Form B*
	11.	Alternate Quiz 2—Form B: Judges*	22.	Glossary and Credits

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Bible 600

Unit 3: The Kingdom of Israel

Assignments

1. The Books and Ministry of Samuel
2. The Reign of Saul
3. Project: Saul Becomes King
4. The Reign of David
5. Quiz 1: Samuel, Saul, and David
6. Alternate Quiz 1—Form A: Samuel, Saul, and David*
7. Alternate Quiz 1—Form B: Samuel, Saul, and David*
8. The Reign of Solomon
9. The Temple
10. Report: Solomon's Rise*
11. Project: Bible Paragraph
12. Quiz 2: Solomon
13. Alternate Quiz 2—Form A: Solomon*
14. Alternate Quiz 2—Form B: Solomon*
15. Job
16. Psalms and Proverbs
17. Ecclesiastes and the Song of Solomon
18. Quiz 3: Wisdom Books
19. Alternate Quiz 3—Form A: Wisdom Books*
20. Alternate Quiz 3—Form B: Wisdom Books*
21. Review
22. Special Project*
23. Test
24. Alternate Test—Form A*
25. Alternate Test—Form B*
26. Glossary and Credits

Bible 600

Unit 4: The Divided Kingdom

Assignments

1. From Division to the Assyrian Captivity
2. From Ahab to Jehu (Part 1)
3. Project: Elijah's Servant
4. From Ahab to Jehu (Part 2)
5. From Jehu to the Assyrian Captivity
6. Quiz 1: Division and Captivity
7. Alternate Quiz 1—Form A: Division and Captivity*
8. Alternate Quiz 1—Form B: Division and Captivity*
9. Before the Assyrian Captivity: Judah
10. Before the Assyrian Captivity: Israel
11. Quiz 2: Judah and Israel
12. Alternate Quiz 2—Form A: Judah and Israel*
13. Alternate Quiz 2—Form B: Judah and Israel*
14. The Remaining Kingdom
15. From Manasseh to Josiah
16. The Prophets of the Remaining Kingdom
17. Quiz 3: The Remaining Kingdom
18. Alternate Quiz 3—Form A: The Remaining Kingdom*
19. Alternate Quiz 3—Form B: The Remaining Kingdom*
20. Review
21. Special Project*
22. Test
23. Alternate Test—Form A*
24. Alternate Test—Form B*
25. Glossary and Credits

Bible 600

Unit 5: Captivity and Restoration

Assignments

1. Jeremiah
2. Ezekiel
3. Daniel
4. Project: Writing on the Wall
5. Quiz 1: Jeremiah to Daniel
6. Alternate Quiz 1—Form A: Jeremiah to Daniel*
7. Alternate Quiz 1—Form B: Jeremiah to Daniel*
8. The First Return from Exile
9. Jews Preservation/Second Return from Exile
10. The Third Return from Exile
11. Quiz 2: Years of Exile
12. Alternate Quiz 2—Form A: Years of Exile*
13. Alternate Quiz 2—Form B: Years of Exile*
14. The Prophets of the Restoration
15. The Old Testament Reviewed
16. The Kingdom of Israel
17. Quiz 3: Restoration
18. Alternate Quiz 3—Form A: Restoration*
19. Alternate Quiz 3—Form B: Restoration*
20. Quiz: Books of the Old Testament
21. Review
22. Special Project*
23. Test
24. Alternate Test—Form A*
25. Alternate Test—Form B*
26. Glossary and Credits

Bible 600

Unit 6: The Life of Jesus

Assignments

1. History
2. Birth and Childhood
18. The Rich Young Ruler and the Tax Collector
19. Project: Rich Young Ruler*

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3. Quiz 1: The Early Years
4. Alternate Quiz 1—Form A: The Early Years*
5. Alternate Quiz 1—Form B: The Early Years*
6. John the Baptist and Jesus' Baptism
7. Temptation and Ministry
8. Rejection and Healings
9. Teaching and Miracles
10. Project: Salvation*
11. Project: Baptism*
12. Quiz 2: Ministry Beginnings
13. Alternate Quiz 2—Form A: Ministry Beginnings*
14. Alternate Quiz 2—Form B: Ministry Beginnings*
15. Rejection and Feeding Five Thousand
16. The Transfiguration and the Good Samaritan
17. The Lost Sheep and the Prodigal Son
20. Essay: Zacchaeus
21. Quiz 3: Parables of Jesus
22. Alternate Quiz 3—Form A: Parables of Jesus*
23. Alternate Quiz 3—Form B: Parables of Jesus*
24. Triumphal Entry and Agony in the Garden
25. Arrest, Trial, Death, and Resurrection
26. Quiz 4: He Lives
27. Alternate Quiz 4—Form A: He Lives*
28. Alternate Quiz 4—Form B: He Lives*
29. Review
30. Special Project*
31. Test
32. Alternate Test—Form A*
33. Alternate Test—Form B*
34. Glossary and Credits

Bible 600

Unit 7: The Followers of Jesus

Assignments

1. Twelve Disciples: Peter
2. Project: Walking on Water
3. Twelve Disciples: James and John
4. Twelve Disciples: The Other Nine
5. Quiz 1: The Disciples
6. Alternate Quiz 1—Form A: The Disciples*
7. Alternate Quiz 1—Form B: The Disciples*
8. Three Friends
9. Four Miracles
10. One Message
11. Quiz 2: The Message
12. Alternate Quiz 2—Form A: The Message*
13. Alternate Quiz 2—Form B: The Message*
14. Pentecost
15. The Lame Man
16. Stephen
17. Quiz 3: The Early Church
18. Alternate Quiz 2—Form A: The Early Church*
19. Alternate Quiz 2—Form B: The Early Church*
20. Review
21. Special Project*
22. Test
23. Alternate Test—Form A*
24. Alternate Test—Form B*
25. Glossary and Credits

Bible 600

Unit 8: The Apostle Paul

Assignments

1. Paul's Conversion
2. Zeal and Experience
3. Project: Road to Damascus*
4. Quiz 1: Paul
5. Alternate Quiz 1—Form A: Paul*
6. Alternate Quiz 1—Form B: Paul*
7 First Missionary Journey
8. Essay: Paul's Attitude*
9. Second Missionary Journey
10. Third Missionary Journey
11. Essay: Preparation*
12. Quiz 2: God's Missionary
13. Alternate Quiz 2—Form A: God's Missionary*
14. Alternate Quiz 2—Form B: God's Missionary*
15. Thessalonians and Corinthians
16. Galatians, Romans, and other Pauline Letters
17. Essay: Christianity at Home
18. Quiz 3: Letters
19. Alternate Quiz 3—Form A: Letters*
20. Alternate Quiz 3—Form B: Letters*
21. Review
22. Special Project*
23. Test
24. Alternate Test—Form A*
25. Alternate Test—Form B*
26. Glossary and Credits

Bible 600

Unit 9: Hebrews and General Epistles

Assignments

1. Hebrews
2. Faith
3. Quiz 1: Hebrews
4. Alternate Quiz 1—Form A: Hebrews*
5. Alternate Quiz 1—Form B: Hebrews*
6. General Epistles: James
7 First and Second Peter
12. First John
13. Second and Third John, and Jude
14. Essay: Diotrephes
15. Quiz 3: Letters of John
16. Alternate Quiz 3—Form A: Letters of John*
17. Alternate Quiz 3—Form B: Letters of John*
18. Review

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	8. Essay: Spiritual Growth	19. Special Project*
	9. Quiz 2: Letters of James and Peter	20. Test
	10. Alternate Quiz 2—Form A: Letters of James and Peter*	21. Alternate Test—Form A*
	11. Alternate Quiz 2—Form B: Letters of James and Peter*	22. Alternate Test—Form B*
		23. Glossary and Credits

Bible 600	**Unit 10: Revelation and Review**	
	Assignments	
	1. Revelation	14. Followers of Jesus
	2. The Seven Churches and End Time Events	15. Essay: Nicodemus
	3. Project: Time with John	16. Apostle Paul
	4. Quiz 1: Revelation	17. Quiz 3: Jesus and Paul
	5. Alternate Quiz 1—Form A: Revelation*	18. Alternate Quiz 3—Form A: Jesus and Paul*
	6. Alternate Quiz 1—Form B: Revelation*	19. Alternate Quiz 3—Form B: Jesus and Paul*
	7 Creation to Moses	20. Books of the New Testament Quiz
	8. Joshua, Samuel, and the Kingdom of Israel	21. Review
	9. Divided Kingdom, Captivity, and Restoration	22. Special Project*
	10. Quiz 2: Creation to Restoration	23. Test
	11. Alternate Quiz 2—Form A: Creation to Restoration*	24. Alternate Test—Form A*
	12. Alternate Quiz 2—Form B: Creation to Restoration*	25. Alternate Test—Form B*
	13. Life of Jesus	26. Glossary and Credits

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Bible 700

Bible 700 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on worship, mankind, the attributes of God, prophecies about Christ, the living of balanced lives, and the book of Psalms. Special emphasis is given to the life of Christ from His pre-existence and birth to His resurrection and ascension. These areas target five content strands: theology, the attributes of God, biblical literature, Christian growth, and the life of Christ (a special topic).

Objectives

- Understand the design and practice of Christian worship.
- Describe the nature and purpose of humanity.
- Explain some of the moral attributes of God.
- Follow the biblical presentation of Jesus as the Messiah.
- Identify the characteristics of a balanced Christian life.
- Demonstrate an understanding of the history and design of the book of Psalms.
- Present the primary events in the life of Christ.

Bible 700

Unit 1: Worship

Assignments

1. Course Overview
2. The Meaning of Worship
3. The Object of Worship
4. The Reasons for Worship
5. Quiz 1
6. Worship in Old Testament Times
7. Essay: Feasts Fulfilled in Christ
8. Worship in New Testament Times
9. Quiz 2
10. Hypocritical Worship
11. Sacrilegious vs True Worship
12. Quiz 3
13. Special Project*
14. Test
15. Alternate Test*
16. Reference

Bible 700

Unit 2: Mankind

Assignments

1. Creation of Mankind
2. The Original Nature of Mankind
3. Quiz 1
4. The Fall of Mankind
5. Quiz 2
6. The Method of Salvation
7. The Result of Salvation
8. Quiz 3
9. The Mission of Mankind
10. Quiz 4
11. Special Project*
12. Test
13. Alternate Test*
14. Reference

Bible 700

Unit 3: Attributes of God

Assignments

1. Love
2. Quiz 1
3. Mercy: Divine Choice
4. Mercy: Divine Provision
5. Quiz 2
6. Grace
7. Quiz 3
8. Special Project*
9. Test
10. Alternate Test*
11. Reference

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Bible 700

Unit 4: Christian Evidences

Assignments

1. The Method of the First Advent
2. The Purpose of the First Advent
3. Quiz 1
4. The Offices of the Messiah Foretold
5. Offices of the Messiah Fulfilled
6. Essay: Prophecy
7. Quiz 2
8. Special Project*
9. Test
10. Alternate Test*
11. Reference

Bible 700

Unit 5: New Life in Christ

Assignments

1. Life Before and After Christ
2. Christ Brings New Life
3. Quiz 1
4. Growing in Christ: God's Desire
5. Obstacles to Growth
6. Quiz 2
7. Life in the Spirit: Transformation
8. The Life of Grace
9. Project: The Fruit of the Spirit
10. Quiz 3
11. Special Project*
12. Test
13. Alternate Test*
14. Reference

Bible 700

Unit 6: The Psalms

Assignments

1. The Psalms
2. The History of the Psalms
3. The Types of Psalms
4. The Use of the Psalms
5. Quiz 1
6. Hebrew Poetry: Variations
7. Forms of Hebrew Poetry
8. Patterns of Hebrew Poetry
9. Quiz 2 (bib07u062q.xml)
10. Psalm 100: Background
11. Poetry of Psalm 100
12. Meaning of Psalm 100
13. Quiz 3
14. Special Project*
15. Test
16. Alternate Test*
17. Reference

Bible 700

Unit 7: Life of Christ - Part 1

Assignments

1. The Pre-existence of Christ
2. The Birth of Christ
3. The Youth of Christ
4. Quiz 1
5. The Baptism of Jesus
6. The Temptations of Jesus
7. The Disciples of Christ
8. Quiz 2
9. Jesus' Cleansing of the Temple
10. Jesus' Conversation with Nicodemus
11. Jesus and the Woman at the Well
12. Quiz 3
13. Early Galilean Ministry: Miracles
14. Early Galilean Ministry: Controversies
15. Early Galilean Ministry: Sermons
16. Quiz 4
17. Special Project*
18. Test
19. Alternate Test*
20. Reference

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Bible 700	Unit 8: Life of Christ - Part 2	
	Assignments	
	1. Public Ministry in Galilee: Miracles	9. Public Ministry in Judea and Perea
	2. Miracles II	10. Project: Opposition to Faith
	3. Parables	11. Perean Ministry
	4. Quiz 1	12. Quiz 3
	5. Private Ministry in Galilee	13. Special Project*
	6. The Lord's Provision	14. Test
	7. The Transfiguration	15. Alternate Test*
	8. Quiz 2	16. Reference

Bible 700	Unit 9: Life of Christ - Part 3	
	Assignments	
	1. Jesus' Final Ministry in Jerusalem	9. Jesus' Resurrection and Ascension
	2. Jesus' Private Ministry in Jerusalem	10. The Appearances
	3. The Last Supper	11. The Ascension
	4. Quiz 1	12. Quiz 3
	5. Jesus' Sufferings and Crucifixion	13. Special Project*
	6. Trials: Sanhedrin, Pilate, Herod	14. Test
	7. Crucifixion, Death, and Burial	15. Alternate Test*
	8. Quiz 2	16. Reference

Bible 700	Unit 10: God's Plan in Christ	
	Assignments	
	1. God and His Attributes	11. Unique in His Death and Resurrection
	2. The Plan of God	12. Quiz 3
	3. Quiz 1	13. Man's Response to God
	4. Man's History: Life Before Christ	14. Maturing in the Lord
	5. Human Life After the Fall	15. Quiz 4
	6. Human Life After Christ	16. Memory Verse Quiz (All Units)
	7. Quiz 2	17. Special Project*
	8. Jesus Christ Fulfills God's Plan	18. Test
	9. The Life of Christ: His Birth	19. Alternate Test*
	10. Unique in His Ministry	20. Reference

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Bible 800

Bible 800 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on prayer, salvation, the attributes of God, the book of Proverbs, and interpersonal relationships. Special emphasis is given to a survey of Church history from the early Church through the Reformation. These areas target five content strands: theology, the attributes of God, biblical literature, Christian growth, and Church history (a special topic).

Objectives

- Understand the nature and use of prayer.
- Explain the relationship of sin and salvation in the Gospel message.
- Describe various attributes that belong to God.
- Identify key people, places, and events in Church history.
- Describe the deterioration of the Church in the Middle Ages.
- Pursue biblical truths in the development of relationships.
- Explain the relationship between parents and children.

Bible 800	**Unit 1: Prayer**	
	Assignments	
	1. Course Overview	9. A Prayerful Response: From Adoration to Surrender
	2. Christ's Model Prayer	10. The Request in Prayer
	3. The Lord's Prayer: Invocation; First to Fourth Petitions	11. Unanswered Requests; Effectiveness in Prayer
	4. The Lord's Prayer: Fifth Petition to Conclusion	12. Quiz 2
	5. The Purpose of Christ's Model Prayer; Benefits of Prayer	13. Special Project*
	6. Quiz 1	14. Test
	7. The Early History of Prayer	15. Alternate Test*
	8. A Prayerful Response: From Faith to Confession	16. Reference

Bible 800	**Unit 2: Sin and Salvation**	
	Assignments	
	1. The Nature of Sin	8. The Results of Salvation: Growth in Grace
	2. The Universality of Sin	9. Assurance of Salvation
	3. Quiz 1	10. Quiz 3
	4. The Nature of Salvation	11. Special Project*
	5. The Process of Salvation	12. Test
	6. Quiz 2	13. Alternate Test*
	7. The Results of Salvation: Forgiveness	14. Reference

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Bible 800

Unit 3: Attributes of God

Assignments

1. Justice as God's Nature
2. Justice: An Expression of God
3. Quiz 1
4. Immutability: Divine Perfection
5. Immutability: A Solid Foundation
6. Quiz 2
7. God's Eternality
8. God's Eternality in the Bible
9. Quiz 3
10. Love: A Godly Characteristic
11. Love: A Christian Virtue
12. Quiz 4
13. Special Project*
14. Test
15. Alternate Test*
16. Reference

Bible 800

Unit 4: Early Church Leaders

Assignments

1. The Age of the Apostles
2. The Age of the Church Fathers
3. The Age of the Apologists
4. The Age of the Theologians
5. Quiz 1
6. The Spread of the Roman Church
7. Division and Renaissance
8. Quiz 2
9. Men of the Reformation
10. Places of the Reformation
11. Quiz 3
12. Special Project*
13. Test
14. Alternate Test*
15. Reference

Bible 800

Unit 5: Early Church History

Assignments

1. The Roman Setting (1)
2. The Roman Setting (2)
3. Jewish Background (1)
4. Jewish Background (2)
5. Report: Religious Leaders
6. Quiz 1
7. Christianity's Beginnings: Ministry of Jesus
8. The Pentecost Experience
9. The Church at Jerusalem
10. The Beginning of Opposition
11. The Martyrdom of Stephen
12. The Period of Transition
13. Two Important Conversions
14. New Churches
15. Quiz 2
16. Memory Verse Quiz (Units 1-5)
17. Special Project*
18. Test
19. Alternate Test*
20. Reference

Bible 800

Unit 6: The Early Churches

Assignments

1. The Early Missionary Journeys
2. The First Missionary Journey
3. Jerusalem Conference
4. The Second Missionary Journey
5. Quiz 1
6. The Third Missionary Journey
7. Final Journey to Jerusalem
8. Quiz 2
9. The Ephesian Church
10. The Cretan Church
11. Persecuted Churches
12. Apostate Churches
13. Churches United in Christ
14. Report: The Early Church
15. Quiz 3
16. Special Project*
17. Test
18. Alternate Test*
19. Reference

Bible 800

Unit 7: The Book of Proverbs

Assignments

1. The Literary Design of Proverbs
2. Parallelism in Proverbs
9. The Themes of Proverbs
10. Repetitions in Proverbs

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	3. The Outline of Proverbs	11. Studying Themes in Proverbs
	4. Purposes of Proverbs	12. Quiz 3
	5. Quiz 1	13. Special Project*
	6. The New Testament and Proverbs	14. Test
	7. Proverbs in Two Epistles	15. Alternate Test*
	8. Quiz 2	16. Reference

Bible 800	Unit 8: Choices	
	Assignments	
	1. Personal Choices: Knowing What To Do	9. Finding God's Will
	2. Dealing With Guilt	10. Getting Things Done
	3. Knowing about Illegal Drugs	11. Quiz 3
	4. Quiz 1	12. Special Project*
	5. Developing Friendships	13. Test
	6. Studying Effectively	14. Alternate Test*
	7. Studying Honestly	15. Reference
	8. Quiz 2	

Bible 800	Unit 9: Understanding the Family	
	Assignments	
	1. Understanding Parents	9. Quiz 2
	2. Human Parents	10. Your Parents' Life
	3. Some Biblical Parents	11. Your Parents' Role
	4. Your Heavenly Father	12. Quiz 3
	5. Quiz 1	13. Special Project*
	6. What Makes a Parent	14. Test
	7. What Your Parents Do For You	15. Alternate Test*
	8. What You Should Do For Your Parents	16. Reference

Bible 800	Unit 10: Review	
	Assignments	
	1. Prayer	11. Understanding Proverbs
	2. Salvation	12. Making Good Choices
	3. Attributes of God	13. Understanding Parents
	4. Quiz 1	14. Quiz 3
	5. Early Church History	15. Memory Verse Quiz (Units 1-10)
	6. Early Church Experience	16. Special Project*
	7. Early Leaders of the Church	17. Test
	8. Leaders from Middle Ages to Reformation	18. Alternate Test*
	9. Report: Reformation Leader	19. Reference
	10. Quiz 2	

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New Testament Survey

New Testament Survey provides a developmental and in-depth academic study of the teachings of the New Testament from the Intertestamental period (prior to the birth of Christ) to the book of Revelation. The survey emphasizes the most important people, places, and events in the development and expansion of the Church. The course also includes material on Christian suffering, witnessing, and the will of God. New Testament Survey targets four major strands: theology, biblical literature, biblical background, and Christian growth.

Upon completion of the course, students should be able to do the following:

- Understand the background of the New Testament.
- Identify key people, places, and events in the New Testament.
- Provide the setting and purpose for each New Testament book.
- Understand the importance of the Church.
- Identify the various apostles and their particular ministries.
- Understand the biblical approach to suffering.
- Tell others about the Gospel with more knowledge and confidence.

New Testament Survey

Unit 1: Introduction to the New Testament

Assignments

1. Course Overview
2. Inter-Testamental Period
3. Various Empires and Periods
4. Religious Literature
5. Religious Parties: Scribes and Sadducees
6. Religious Parties: Pharisees
7. Quiz 1: Inter-Testamental Period
8. Historical Books
9. Instructive Books: Pauline Epistles
10. Instructive Books: General Epistles
11. The Prophetical Book
12. Quiz 2: New Testament Books
13. Birth to Baptism
14. Temptation to Popular Ministry
15. Ministry of Opposition to Final Ministry
16. Arrest to Ascension
17. Events in the Early Church
18. Foreign Missions
19. Events in Revelation
20. Quiz 3: New Testament Chronology
21. Special Project*
22. Test: Introduction to the New Testament
23. Alternate Test: Introduction to the New Testament*
24. Reference

New Testament Survey

Unit 2: The Gospels

Assignments

1. Matthew: The Writer
2. Matthew: Background and Analysis
3. Report: Matthew
4. Report: Prophet, Priest, and King*
5. Quiz 1: Matthew
6. Mark: The Writer
7. Mark: Background and Analysis
8. Quiz 2: Mark
9. Luke: The Writer
10. Luke: Background and Analysis
11. Quiz 3: Luke
12. John: The Writer
13. John: Background and Analysis
14. Quiz 4: John
15. Special Project*
16. Test: The Gospels
17. Alternate Test: The Gospels*
18. Reference

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New Testament Survey

Unit 3: The Acts of the Apostles

Assignments

1. The Writer
2. Viewpoint
3. Quiz 1: Writer
4. Particular Purpose
5. Historical Purpose: Jesus
6. Holy Spirit and the Apostles
7. Comprehensive Purpose
8. Essay: The Great Commission
9. Quiz 2: Purpose
10. Content: Pentecost
11. Content: Home Missions
12. Content: Foreign Missions
13. Quiz 3: Content
14. Special Project*
15. Test: The Acts of the Apostles
16. Alternate Test: The Acts of the Apostles*
17. Reference

New Testament Survey

Unit 4: The Pauline Epistles

Assignments

1. Paul: Background
2. Paul: The Apostle
3. Paul: The Writer
4. Report: Education and Ministry
5. Quiz 1: Personal Profile
6. Early Epistles: Thessalonians and Corinthians
7. Early Epistles: Romans and Galatians
8. Quiz 2: Early Epistles
9. Prison Epistles: Ephesians and Philippians
10. Prison Epistles: Colossians and Philemon
11. Report: Obeying Parents*
12. Quiz 3: Prison Epistles
13. Later Epistles: 1 Timothy and Titus
14. Later Epistles: 2 Timothy
15. Quiz 4: Later Epistles
16. Special Project*
17. Test: The Pauline Epistles
18. Alternate Test: The Pauline Epistles*
19. Reference

New Testament Survey

Unit 5: The General Epistles

Assignments

1. James: Background
2. James: The Disciple
3. James: The Writer and Message
4. Essay: James*
5. Quiz 1: James
6. 1 and 2 Peter: Background
7. 1 and 2 Peter: The Apostle and Writer
8. 1 and 2 Peter: The Message
9. Essay: Peter
10. Quiz 2: 1 and 2 Peter
11. 1, 2, and 3 John: Background
12. 1, 2, and 3 John: The Apostle and Writer
13. 1, 2, and 3 John: The Message
14. Quiz 3: 1, 2, and 3 John
15. Hebrews
16. Jude
17. Quiz 4: Hebrews and Jude
18. Memory Verse Quiz
19. Special Project*
20. Test: The General Epistles
21. Alternate Test: The General Epistles*
22. Reference

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New Testament Survey

Unit 6: The Revelation of Jesus Christ

Assignments

1. The Seven Churches: Ephesus and Smyrna
2. The Seven Churches: Pergamos, Thyatira, and Sardis
3. The Seven Churches: Philadelphia and Laodicea
4. The Seven Seals: Seals 1-4
5. The Seven Seals: Seals 5-7
6. Quiz 1: Glorious Christ and His People
7. The Seven Trumpets
8. The Seven Signs: Signs 1-3
9. The Seven Signs: Signs 4-7 and the Seven Plagues
10. Quiz 2: Victorious Christ and His Enemy
11. The Seven Judgments
12. The Seven Wonders
13. Quiz 3: Triumphant Christ and His Bride
14. Special Project*
15. Test: The Revelation of Jesus Christ
16. Alternate Test: The Revelation of Jesus Christ*
17. Reference

New Testament Survey

Unit 7: Biblical Literature: Job and Suffering

Assignments

1. Job: Opening Scenes
2. Job: Great Debate
3. Job: Closing Scenes
4. Essay: When a Friend is Suffering
5. Quiz 1: The Book of Job (bibntsu071q.xml)
6. Understanding Suffering
7. Perspectives on Suffering
8. Quiz 2: Attitudes Toward Suffering
9. The Sufferings of Christ: Life and Ministry
10. The Sufferings of Christ: Death and Resurrection
11. The Sufferings of Christ: Intercession and Consolation
12. Essay: Suffering
13. Quiz 3: The Sufferings of Christ
14. Special Project*
15. Test: Job and Suffering
16. Alternate Test: Job and Suffering*
17. Reference

New Testament Survey

Unit 8: How to Share Christ With Your Friends

Assignments

1. Personal Evangelism
2. Evangelism and the Holy Spirit
3. Evangelism and Discipleship
4. Essay: Witnessing
5. Quiz 1: Personal Evangelism
6. Approaches to Outreach: Bible Studies
7. Approaches to Outreach: Activities
8. Quiz 2: Outreach
9. Approaches to Outreach: Family Projects
10. Approaches to Outreach: Missions at Home and Abroad
11. Quiz 3: Travel Projects
12. Special Project*
13. Test: How to Share Christ With Your Friends
14. Alternate Test: How to Share Christ With Your Friends*
15. Reference

New Testament Survey

Unit 9: God's Will for Your Life

Assignments

1. The Nature of God's Will
2. God's Will in His Word and Providence
3. Quiz 1: How to Find God's Will for Your Life
4. The Need for Goals
5. The Types of Goals
6. The Attainment of Goals
7. Quiz 2: How to Develop and Keep Goals
8. The Giver of Gifts
9. Knowing Your Gifts: Personal Appraisal
10. Knowing Your Gifts: The Confirmation of Others
11. Using Your Gifts
12. Quiz 3: How to Evaluate and Use Talents
13. Special Project*
14. Test: God's Will for Your Life
15. Alternate Test: God's Will for Your Life*
16. Reference

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New Testament Survey

Unit 10: Review

Assignments

1. The Empires
2. Literature and Parties
3. The Gospels
4. The Acts of the Apostles
5. Quiz 1: Background Information and New Testament Historical Books
6. Early Pauline Epistles
7. Pauline Epistles from Prison
8. Later Pauline Epistles
9. The General Epistles
10. Revelation
11. Quiz 2: Instructive and Prophetical Books
12. Suffering: Job
13. Suffering: Mankind and Christ
14. Sharing Christ with Your Friends
15. Knowing God's Will
16. Quiz 3: Suffering; Witnessing; Finding God's Will
17. Memory Verse Quiz
18. Special Project*
19. Test: New Testament Review
20. Alternate Test: New Testament Review*
21. Reference

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Old Testament Survey

Old Testament Survey provides a developmental and in-depth academic study of the teachings of the Old Testament, from the creation of the world (Genesis) to the restoration of Israel and the ministry of its post-exilic prophets (Malachi). The survey emphasizes the most important people, places, and events in the development and decline of the nation of Israel. These areas target three content strands: theology, biblical literature, and biblical background.

Upon completion of the course, students should be able to do the following:

- Identify the key people, places, and events of the Old Testament.
- Provide the setting and purpose for each Old Testament book.
- Identify the different eras in the history of Israel.
- Appreciate the importance of the nation of Israel.
- Describe the rise and fall of the kingdoms of Judah and Israel.
- Identify the various prophets with the era in which they ministered.

Old Testament Survey	Unit 1: Creation to Abraham	
	Assignments	
	1. Course Overview	10. Flood
	2. Overview of the Bible	11. Quiz 3: Flood
	3. Creation	12. Nations
	4. Quiz 1: Creation	13. Quiz 4: Nations
	5. Fall	14. Special Project*
	6. Essay: Temptation	15. Test: Creation to Abraham
	7. Project: Promises of God*	16. Alternate Test: Creation to Abraham*
	8. Cain and Abel	17. Reference
	9. Quiz 2: Fall	

Old Testament Survey	Unit 2: Abraham Through Joseph	
	Assignments	
	1. Abraham	10. Quiz 3: Jacob
	2. Abraham: Call from God	11. Joseph: In Canaan
	3. Abraham: Egypt to the Covenant	12. Joseph: In Egypt
	4. Quiz 1: Abraham	13. Quiz 4: Joseph
	5. Isaac	14. Special Project*
	6. Quiz 2: Isaac	15. Test: Abraham Through Joseph
	7. Jacob: Early Life/Flight to Haran	16. Alternate Test: Abraham Through Joseph*
	8. Report: Rebekah	17. Reference
	9. Jacob: Return to Canaan	

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Old Testament Survey

Unit 3: The Exodus and Wanderings

Assignments

1. Exodus: Bondage in Egypt
2. Exodus: A Deliverer
3. Exodus: Deliverance from Bondage
4. Exodus: Law/ Tabernacle/ Priesthood
5. Quiz 1: Exodus
6. Leviticus: Chapters 1-16
7. Leviticus: Chapters 17-27
8. Quiz 2: Leviticus
9. Numbers: Organization
10. Numbers: Journey and Sojourn
11. Quiz 3: Numbers
12. Deuteronomy
13. Quiz 4: Deuteronomy
14. Special Project*
15. Test: The Exodus and Wanderings
16. Alternate Test: The Exodus and Wanderings*
17. Reference

Old Testament Survey

Unit 4: Israel in Canaan

Assignments

1. Final Preparation
2. Report: Report of the Spies
3. Conquest of the Land
4. Quiz 1: Conquest of the Land
5. Division of the Land (Part I)
6. Report: Israel in Canaan
7. Division of the Land (Part II)
8. Quiz 2: Division of the Land
9. Farewell and Death of Joshua
10. Quiz 3: Farewell and Death of Joshua
11. Special Project*
12. Test: Israel in Canaan
13. Alternate Test: Israel in Canaan*
14. Reference

Old Testament Survey

Unit 5: The Judges and Spiritual Decline

Assignments

1. The Book of Judges
2. Quiz 1: The Book of Judges
3. Othniel
4. Ehud, Shamgar, and Deborah
5. Gideon
6. Tola, Jair, and Jephthah
7. Ibzan, Elon, Abdon, and Samson
8. Quiz 2: The History of the Judges
9. Spiritual and Moral Decay
10. Quiz 3: Two Examples of Decay
11. The Story of Ruth
12. Quiz 4: The Story of Ruth
13. Memory Verse Quiz
14. Special Project*
15. Test: The Judges and Spiritual Decline
16. Alternate Test: The Judges and Spiritual Decline*
17. Reference

Old Testament Survey

Unit 6: Israel in Canaan

Assignments

1. The Ministry of Samuel
2. The Selection of a King
3. The Reign of Saul
4. The Demise of Saul
5. The Reign of David
6. Quiz 1: The Books of Samuel
7. The Kingdom Under Solomon
8. The Program of Solomon
9. Quiz 2: The Kingdom Under Solomon
10. Job
11. Psalms
12. Proverbs
13. Ecclesiastes/ Song of Solomon
14. Quiz 3: Hebrew Poetry
15. Special Project*
16. Test: The Kingdom
17. Alternate Test: The Kingdom*
18. Reference

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Old Testament Survey

Unit 7: The Divided Kingdom

Assignments

1. Jeroboam
2. Rehoboam, Abijah, Asa, Nadab and Successors
3. Report: Rehoboam and Jeroboam
4. Quiz 1: Jeroboam to Ahab
5. Elijah
6. Ahab, Jehoshaphat, and Ahaziah
7. Elijah and Elisha
8. Elisha, Jehoram, Ahaziah, and Jehu
9. Quiz 2: From Ahab to Jehu
10. From Jehu to Joash
11. From Jehoahaz to the Assyrian Captivity
12. Quiz 3: From Jehu to the Assyrian Captivity
13. Prophets: Obadiah and Joel
14. Prophets: Jonah, Amos, and Hosea
15. Quiz 4: The Prophets of the Period
16. Special Project*
17. Test: The Divided Kingdom
18. Alternate Test: The Divided Kingdom*
19. Reference

Old Testament Survey

Unit 8: The Remaining Kingdom

Assignments

1. Hezekiah: Revival and Reform
2. Hezekiah: Deliverance to Recovery
3. Quiz 1: Hezekiah
4. Manasseh and Amon
5. The Reforms of Josiah
6. Quiz 2: From Manasseh to Josiah
7. From Jehoahaz to the Exile
8. Quiz 3: From Jehoahaz to the Exile
9. Prophets: Isaiah
10. Prophets: Micah and Nahum
11. Prophets: Zephaniah, Habakkuk, Jeremiah
12. Quiz 4: The Prophets of the Period
13. Special Project*
14. Test: The Remaining Kingdom
15. Alternate Test: The Remaining Kingdom*
16. Reference

Old Testament Survey

Unit 9: The Captivity

Assignments

1. Jeremiah: History
2. Jeremiah: Ministry and Books
3. Quiz 1: Jeremiah
4. Ezekiel: History and Ministry
5. Ezekiel: The Book
6. Quiz 2: Ezekiel
7. Daniel: History and Ministry
8. Daniel: The Book
9. Quiz 3: Daniel
10. Special Project*
11. Test: The Captivity
12. Alternate Test: The Captivity*
13. Reference

Old Testament Survey

Unit 10: The Restoration

Assignments

1. First Return from Exile: Under Zerubbabel
2. The Rebuilding of the Temple
3. Quiz 1: The First Return from Exile
4. The Preservation in Exile
5. Quiz 2: The Preservation in Exile
6. Second Return from Exile: Under Ezra
7. The Reforms in Jerusalem
8. Quiz 3: The Reforms in Jerusalem
9. Third Return from Exile: Under Nehemiah
10. Rebuilding the Walls of Jerusalem
11. Registration, Revival, and Reform
12. Quiz 4: Third Return from Exile
13. Prophets: Haggai
14. Prophets: Zechariah and Malachi
15. Quiz 5: The Prophets of the Period
16. Memory Verse Quiz
17. Special Project*
18. Test: The Restoration
19. Alternate Test: The Restoration*
20. Reference

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Bible Doctrine

Bible Doctrine provides a developmental and in-depth academic study of the teachings of the Old and New Testaments, focusing on important topics including the faithfulness of God; the doctrine of Christ; the nation of Israel; the history and integrity of the Bible; the pursuit of happiness; and friendship, dating, and marriage. There is also a special emphasis on the book of Romans. These areas target four content strands: theology, the attributes of God, Christian growth, and Christian evidences.

Objectives

- Explain the meaning of God's faithfulness to His people.
- Identify the key themes for understanding the book of Romans.
- Discuss the unique features of Christ's person and work.
- Describe the development and role of the nation of Israel.
- Describe the development of the Old and New Testaments into one book.
- Identify the essential components of successful relationships.
- Know how to avoid the failures of Solomon's pursuit of happiness.
- Answer critics concerning the truthfulness of the Bible.

Bible Doctrine	**Unit 1: The Faithfulness of God**	
	Assignments	
	1. Course Overview	11. The Work of the Faithful High Priest
	2. The Affirmation of God's Faithfulness	12. Quiz 3: Manifestations of God's Faithfulness
	3. The Declaration of God's Faithfulness	13. The Implications of God's Faithfulness
	4. Essay: God's Faithfulness	14. The Responsibility of Faithfulness
	5. Quiz 1: The Affirmation of God's Faithfulness	15. Quiz 4: Implications of God's Faithfulness
	6. The Nature of God's Faithfulness	16. Special Project*
	7 The Contrasts to God's Faithfulness	17. Test
	8. Quiz 2: The Nature of God's Faithfulness	18. Alternate Test*
	9. The Manifestations of God's Faithfulness	19. Reference
	10. The Message of the Faithful Witness	

Bible Doctrine	**Unit 2: Romans Part I**	
	Assignments	
	1. Roman Empire: Politics	9. Quiz 2: Paul's Epistle to the Romans
	2. Roman Empire: Population	10. The Way According to Romans
	3. The Roman Church	11. Salvation
	4. The Book of Romans	12. Quiz 3: The Way According to Romans
	5. Quiz 1: Historical Background Of The Roman Empire	13. Special Project*
		14. Test
	6. Paul's Epistle to the Romans	15. Alternate Test*
	7. State of Condemnation	16. Reference
	8. State of Justification	

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Bible Doctrine

Unit 3: Romans Part II

Assignments

1. Children of Choice
2. Unrighteousness and the Gentiles
3. Quiz 1: Children of Choice
4. Service
5. Submission
6. Conduct
7. Essay: Conduct
8. Quiz 2: Principles In Practice
9. From Sin to Salvation
10. From Salvation to Sanctification
11. From Glory to Glory
12. Quiz 3: Roman Victory
13. Special Project*
14. Test
15. Alternate Test*
16. Reference

Bible Doctrine

Unit 4: The Doctrine of Jesus Christ

Assignments

1. The Deity of Jesus
2. The Names of Jesus
3. The Incarnation of Jesus
4. Quiz 1: The Person of Jesus Christ
5. The Work of Jesus
6. After the Cross
7. Essay: Christ's Ministry
8. Quiz 2: The Work of Jesus Christ
9. Special Project*
10. Test
11. Alternate Test*
12. Reference

Bible Doctrine

Unit 5: The Nation of Israel

Assignments

1. The Abrahamic Covenant
2. God's Fulfillment (1)
3. God's Fulfillment (2)
4. Quiz 1: The Abrahamic Covenant
5. The Significance of the Hebrew Nation (1)
6. The Significance of the Hebrew Nation (2)
7. Spiritual Significance
8. Quiz 2: The Significance of the Hebrew Nation
9. The Archaeological Discoveries (1)
10. The Archaeological Discoveries (2)
11. Quiz 3: The Archaeological Discoveries
12. Memory Verse Quiz
13. Special Project*
14. Test
15. Alternate Test*
16. Reference

Bible Doctrine

Unit 6: The History of the Canon

Assignments

1. The Doctrine of the Bible
2. Inspiration
3. Authority
4. Illumination and Interpretation
5. Quiz 1: The Doctrine of the Bible
6. The Formation of the Bible
7. Formation of the Old Testament
8. Formation of the New Testament
9. Report: Inspiration
10. Quiz 2: The Formation of the Bible
11. The Recognition of the Scriptures
12. Canonicity of the New Testament
13. Quiz 3: The Recognition of the Scriptures
14. Special Project*
15. Test
16. Alternate Test*
17. Reference

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Bible Doctrine

Unit 7: Friendship, Dating, and Marriage

Assignments

1. The Definition of Friendship
2. The Possibility for Friendship
3. The Responsibilities in Friendship
4. Report: Interview*
5. Quiz 1: Friendship
6. What is Dating?
7. Report: Dating Definition
8. The Challenges in Dating
9. Quiz 2: Dating
10. The Origin of Marriage
11. What is Marriage?
12. The Purpose and Structure of Marriage
13. Quiz 3: Marriage
14. Special Project*
15. Test
16. Alternate Test*
17. Reference

Bible Doctrine

Unit 8: The Pursuit of Happiness

Assignments

1. Reversion
2. Solomon's Sin
3. Quiz 1: Reversion
4. Results (1)
5. Results (2)
6. God's Solution
7. Recovery
8. Quiz 2: Results
9. Special Project*
10. Test
11. Alternate Test*
12. Reference

Bible Doctrine

Unit 9: Apologetics

Assignments

1. Questions About the Integrity of the Bible
2. Scientific Accuracy
3. Quiz 1: Questions About the Integrity of the Bible
4. Questions About the Doctrines of the Bible
5. Miracles
6. Creation; Evil; Divine Silence
7. Unevangelized People
8. Essay: C.S. Lewis
9. Quiz 2: Questions About the Doctrines of the Bible
10. Interpretation and Application of the Bible
11. Practice and Experience
12. Quiz 3: The Interpretation and Application of the Bible
13. Special Project*
14. Test
15. Alternate Test*
16. Reference

Bible Doctrine

Unit 10: Review

Assignments

1. The Means and Purpose of Revelation
2. Preparation of the Revelation
3. The Formation of the Bible
4. Canonicity/ Findings of Archaeology
5. Report: Ebla Tablets
6. Quiz 1: The Uniqueness of the Bible
7. The Book of Romans (Part 1)
8. The Book of Romans (Part 2)
9. Quiz 2: The Book of Romans
10. The History of Israel (Part 1)
11. The History of Israel (Part 2)
12. Quiz 3: The History of Israel
13. The Revelation of God in the Bible
14. The Revelation of God's Righteousness
15. The Life of Christ
16. Quiz 4: The Revelation of God in the Bible
17. Principles for Christian Living
18. Principles for Spiritual Maturity
19. Quiz 5: Principles for Christian Living
20. Special Project*
21. Test
22. Alternate Test*
23. Reference

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Christian Faith and Living

Christian Faith and Living applies what students have learned in their study of the teachings of the Old and New Testaments. The course focuses on personal Christian ministry, the nature of God, comparative religions, and the writings of James, John, David, Solomon, and Daniel. These areas target three content strands: the attributes of God, biblical literature, and Christian growth.

Upon completion of the course, students should be able to do the following:

- Understand the unique identity of a Christian.
- Pursue the various opportunities to serve as a Christian.
- Explain the Christian view of the Trinity.
- Identify the meaning of James' and John's letters.
- Describe the contents of the book of Daniel.
- Contrast Christianity with other religions of the world.
- Use God's wisdom to solve problems among today's youth.
- Identify the practical steps toward successful Christian living.

Christian Faith and Living

Unit 1: Knowing Yourself

Assignments

1. Course Overview
2. Knowing What You Are: God's Creation
3. Your Unique Personality
4. Your Interaction with Others
5. Quiz 1: Personality
6. Knowing Who You Are: A Child of God
7. Project: Your Personal Testimony*
8. Project: Memorize Scripture*
9. A Servant of God
10. Project: Channels of Communication*
11. Spiritual Gifts
12. Knowing Your Spiritual Gifts
13. Quiz 2: Gifts
14. How You Are Equipped: Personal Skills
15. Project: Backward Look
16. Project: Inward Look
17. Project: Forward Look
18. What to Look for in Vocational Skills
19. Project: Work Values
20. Project: Motives
21. Project: Vocational Interests
22. Project: Vocational Skills
23. Quiz 3: Skills
24. Special Project*
25. Test
26. Alternate Test*
27. Reference

Christian Faith and Living

Unit 2: Christian Ministries

Assignments

1. Varieties of Ministry
2. The Two Modern Meanings
3. Project: Ministers
4. Project: What is a Ministry?*
5. Quiz 1: What a Christian Ministry Is
6. Ministry Occupations
7. Project: The Effect of Ministry*
8. Movements
9. Social Services, Media, and Support
10. Quiz 2: How Christian Ministries Are Served
11. Ministry vs. Career
12. Project: Career*
13. Project: Witness*
14. Quiz 3: How A Christian Ministry Relates to a Career
15. Special Project*
16. Test
17. Alternate Test*
18. Reference

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Christian Faith and Living

Unit 3: Choosing a Ministry

Assignments

1. Gathering Information: Where to Look
2. Project: Career Search*
3. What to Look For
4. Project: Priorities*
5. Quiz 1: Gathering Information About Available Career/Ministries
6. Applying: Making Contacts/Writing a Resume
7. Project: Applications*
8. Project: Resume
9. Project: Cover Letter*
10. Interviewing and Candidating
11. Quiz 2: Applying for a Prospective Career/Ministry
12. Reaching Conclusions: Divine Guidance
13. Project: Prayer List*
14. Project: God's Will
15. Career Decisions: Human Responsibility
16. Project: Roadblocks
17. Project: Decision Making*
18. Career Planning
19. Quiz 3: Reaching A Conclusion About Your Career/Ministry
20. Special Project*
21. Test
22. Alternate Test*
23. Reference

Christian Faith and Living

Unit 4: Godhead

Assignments

1. Old Testament View of the Godhead
2. Names of God in the Old Testament
3. Project: Yahweh
4. Project: Use of Names*
5. Quiz 1: Old Testament View of the Godhead New Testament View of the Godhead
6. Project: Developing Revelation
7. The Godhead in John and Paul's Epistles
8. Project: Paul's View
9. Quiz 2: New Testament View of the Godhead
10. Origin of the Doctrine of the Godhead
11. Old Testament View of the Godhead
12. Project: Early Church Theologians*
13. Essay: Historical Development*
14. Development of Christian Creeds
15. Project: Three Arguments*
16. Quiz 3: Historical Perspectives of the Godhead
17. Christian Faith in the Godhead
18. Quiz 4: Man's Relationship with the Godhead
19. Special Project*
20. Test
21. Alternate Test*
22. Reference

Christian Faith and Living

Unit 5: The Attributes of God: Holiness and Goodness

Assignments

1. The Holiness of God: His Holy Person
2. Holiness of the Son and the Holy Spirit
3. Project: Power of the Holy Spirit
4. God's Holy Place
5. God's Holy People
6. Quiz 1: The Holiness of God
7. The Goodness of God: In His Character
8. Goodness of the Son and the Holy Spirit
9. Project: Young Ruler*
10. In His Creation
11. In the World and in Mankind
12. In His Salvation
13. Project: Glory to God
14. Quiz 2: The Goodness of God
15. Special Project*
16. Test
17. Alternate Test*
18. Reference

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Christian Faith and Living

Unit 6: The Epistles of James and John

Assignments

1. The Epistle of James: The Man
2. The Authenticity of James
3. The Message: James
4. Faith Versus Works
5. Project: Wisdom
6. Prayer, Lust, Money, and Healing
7. Quiz 1: The Epistle of James
8. The Epistle of John: The Man
9. The Authenticity of the Epistles of John
10. The Message: First John
11. Fellowship with God
12. Project: Healing Today
13. The Message: Second John
14. The Message: Third John
15. Quiz 2: The Epistle of John
16. Special Project*
17. Test
18. Alternate Test*
19. Reference

Christian Faith and Living

Unit 7: Biblical Literature (Daniel)

Assignments

1. Daniel's Influence for God: Man of Conviction
2. Daniel's Godly Purpose
3. Project: Fiery Furnace
4. Interpreter of Dreams
5. Project: Belshazzar*
6. Watchman of Prayer
7. Quiz 1: Daniel's Influence for God
8. Daniel's Visions from God: The Four Beasts
9. The Ram and the He-Goat
10. Project: Antiochus Epiphanes*
11. The Seventy Sevens
12. Project: Interpretation
13. The Mighty Kings
14. Project: Daniel 11
15. Quiz 2: Daniel's Visions from God
16. Special Project*
17. Test
18. Alternate Test*
19. Reference

Christian Faith and Living

Unit 8: Comparative Religions

Assignments

1. Christianity: Basic Elements
2. The Validity of the Christian Faith
3. Project: The Great Difference
4. Quiz 1: Systems of Worship
5. World Religions: Buddhism
6. Project: Christian Response to Buddhism
7. Confucianism
8. Hinduism
9. Essay: Hinduism
10. Islam
11. Zoroastrianism
12. Essay: Zoroastrianism
13. Quiz 2: World Religions
14. The Occult: Spiritualism
15. Psychic Phenomena and Astrology
16. Project: Daniel
17. Quiz 3: The Occult
18. Special Project*
19. Test
20. Alternate Test*
21. Reference

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Christian Faith and Living

Unit 9: Wisdom for Today's Youth

Assignments

1. The Life of David (1)
2. The Life of David (2)
3. David's Character
4. Essay: DAVID
5. The Life of Solomon
6. Solomon's Character
7. Quiz 1: David and Solomon
8. Psalms and Proverbs: God's Cleansing, Comfort
9. Project: Cleansing
10. God's Presence, Sovereignty, Guidance
11. Project: Psalms 139
12. Project: Tongue
13. Quiz 2: Psalms and Proverbs
14. Literary Styles in the Bible
15. Prefigurations in the Bible
16. Problem Solving in the Bible
17. Quiz 3: The Bible and Literature
18. Special Project*
19. Test
20. Alternate Test*
21. Reference

Christian Faith and Living

Unit 10: Practical Christian Living

Assignments

1. The Nature and Holiness of God
2. The Word, Salvation, Defense of the Faith
3. Project: Salvation
4. Quiz 1: Fundamentals of The Christian Faith
5. Spiritual Gifts
6. Project: Spiritual Gifts
7. Personality
8. Project: Temptations
9. Christlike Character and Conduct
10. Project: Moral Dilemma
11. Spiritual Development and Prayer
12. Project: Trials and Tribulations
13. Scripture Study
14. Quiz 2: Growing Toward Christian Maturity
15. Life Work and Ministry
16. Values
17. Spoken Testimony
18. Project: Personal Testimony
19. Debate and Apologetics
20. Quiz 3: Influencing The World for Christ
21. Special Project*
22. Test
23. Alternate Test*
24. Reference

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History and Geography

History and Geography 300

The third grade curriculum is an exploration of the history and geography of the United States. The intent of the course is to give the student an overview of the United States. The student will learn map terminology such as latitude, longitude, and compass rose. These and other geographical terms, along with an overview of the geography of the United States, will help the student discuss and understand the geography of the United States.

Objectives

- Identify and use map terminology including latitude, longitude, and compass rose.
- Compare and contrast regional geography across the United States and how this contributes to weather, resources and recreation in the region.
- Examine and describe key events for each region.
- Examine and describe the contributions of famous people from each region.
- Recognize the basics of how the United States was formed.
- Recognize the basics of the operation of United States government.

History and Geography 300

Unit 1: Geography

Assignments

1. Course Overview
2. Map Skills
3. Longitude and Latitude
4. Cartographers
5. Project 1: Map Drawing
6. Quiz 1: Geography
7. Alternate Quiz 1: Geography*
8. Resources
9. Human Resources
10. Goods and Services
11. Quiz 2: Resources
12. Alternate Quiz 2: Resources*
13. Community
14. Culture
15. Community Organization
16. Project 2: Essay
17. Quiz 3: Community
18. Alternate Quiz 3: Community*
19. Special Project*
20. Review Activities
21. Test
22. Alternate Test*
23. Glossary and Credits

History and Geography 300

Unit 2: New England States

Assignments

1. States in New England
2. Geography of New England
3. Weather of New England
4. Project 1: Map Drawing of New England States
5. Quiz 1: New England States
6. Alternate Quiz 1: New England States*
7. New England Natural Resources
8. New England Human Resources
9. Famous People
10. Products and Services
11. Project 2: Research
12. Quiz 2: New England Resources
13. Alternate Quiz 2: New England Resources*
14. New England Community and Culture
15. Education
16. Recreation
17. Quiz 3: New England Community
18. Alternate Quiz 3: New England Community*
19. Special Project*
20. Review Activities
21. Test
22. Alternate Test*
23. Glossary and Credits

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History and Geography 300

Unit 3: Mid-Atlantic States

Assignments

1. States in the Mid-Atlantic
2. Geography of the Mid-Atlantic
3. Weather of the Mid-Atlantic
4. Project 1: Map Drawing of the Mid-Atlantic States
5. Quiz 1: Mid-Atlantic States
6. Alternate Quiz 1: Mid-Atlantic States*
7. Mid-Atlantic Natural Resources
8. Famous People
9. Products and Services
10. Project 2: Research
11. Quiz 2: Mid-Atlantic Resources
13. Alternate Quiz 2: Mid-Atlantic Resources*
14. Mid-Atlantic Community
15. Government
16. Recreation
17. Quiz 3: Mid-Atlantic Community
18. Alternate Quiz 3: Mid-Atlantic Community*
19. Special Project *
20. Review Activities
21. Test
22. Alternate Test*

History and Geography 300

Unit 4: Southern-Atlantic States

Assignments

1. States in the Southern-Atlantic Region
2. Geography of the Southern-Atlantic States
3. Weather of the Southern-Atlantic States
4. Project 1: Map Drawing of the Southern-Atlantic States
5. Quiz 1: Geography of the Southern-Atlantic States
6. Alternate Quiz 1: Geography of the Southern-Atlantic States*
7. Southern-Atlantic Resources
8. Famous People
9. Products and Services
10. Project 2: Research
11. Quiz 2: Southern-Atlantic Resources
13. Alternate Quiz 2: Southern-Atlantic Resources
14. Southern-Atlantic Community
15. Space Exploration
16. Southern-Atlantic Recreation
17. Quiz 3: Southern-Atlantic Community
18. Alternate Quiz 3: Southern-Atlantic Community*
19. Special Project*
20. Review Activities
21. Test
22. Alternate Test*

History and Geography 300

Unit 5: Southern States

Assignments

1. States in the Southern Region
2. Geography of the Southern States
3. Weather of the Southern States
4. Project 1: Map Drawing of the Southern States
5. Quiz 1: Geography of the Southern States
6. Alternate Quiz 1: Geography of the Southern States*
7. Southern States Resources
8. Famous People
9. Products and Industries
10. Quiz 2: Southern States Resources
11. Alternate Quiz 2: Southern States Resources*
12. Southern States Community
13. The Civil War
14. Music
15. Recreation
16. Project 2: Research
17. Quiz 3: Southern States Community
18 Alternate Quiz 3: Southern States Community*
19. Special Project*
20. Review Activities
21. Test
22. Alternate Test*
23. Glossary and Credits

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History and Geography 300

Unit 6: Great Lakes States

Assignments

1. States in the Great Lakes Region
2. Geography of the Great Lakes Region
3. Weather in the Great Lakes region
4. Project 1: Map Drawing of the Great Lakes States
5. Quiz 1: Great Lakes States
6. Alternate Quiz 1: Great Lakes States*
7. Great Lakes States Resources
8. Famous People
9. Project 2: Research
10. Products and Services
11. Quiz 2: Great Lakes Resources
12. Alternate Quiz 2: Great Lakes Resources*
13. Great Lakes Community
14. Invention
15. Recreation
16. Quiz 3: Great Lakes Community
17. Alternate Quiz 3: Great Lakes Community*
18. Special Project*
19. Review Activities
20. Test
21. Alternate Test*
22. Glossary and Credits

History and Geography 300

Unit 7: Midwestern States

Assignments

1. States in the Midwest
2. Geography of the Midwest
3. Weather in the Midwest
4. Project 1: Map Drawing of the Midwest region
5. Quiz 1: Midwest States
6. Alternate Quiz 1: Midwest States*
7. Midwest Region Resources
8. Famous People
9. Project 2: Research
10. Products and Services
11. Quiz 2: Midwest Region Resources
12. Alternate Quiz 2: Midwest Region Resources
13. Midwest Community
14. Native Americans
15. Recreation
16. Quiz 3: Midwest Community
17. Alternate Quiz 3: Midwest Community*
18. Special Project*
19. Review Activities
20. Test
21. Alternate Test*
22. Glossary and Credits

History and Geography 300

Unit 8: Mountain States

Assignments

1. States in the Mountain Region
2. Geography of the Mountain Region
3. Weather in the Mountain Region
4. Project 1: Map Drawing of the Mountain Region
5. Quiz 1: The Mountain Region
6. Alternate Quiz 1: The Mountain Region*
7. Mountain States Resources
8. Famous People
9. Project 2: Research
10. Products and Services
11. Quiz 2: Mountain States Resources
12. Alternate Quiz 2: Mountain States Resources*
13. Mountain States Community
14. Cowboys
15. Recreation
16. Quiz 3: Mountain States Community
17. Alternate Quiz 3: Mountain States Community*
18. Special Project*
19. Review Activities
20. Test
21. Alternate Test*
22. Glossary and Credits

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History and Geography 300

Unit 9: Pacific States

Assignments

1. States in the Pacific Region
2. Geography of the Pacific Region
3. Weather in the Pacific Region
4. Project 1: Map Drawing of the Mountain Region
5. Quiz 1: The Pacific Region
6. Alternate Quiz 1: The Pacific Region*
7. Pacific States Resources
8. Famous People
9. Project 2: Research
10. Products and Services
11. Quiz 2: Pacific States Resources
12. Alternate Quiz 2: Pacific States Resources*
13. Pacific States Community
14. Computers
15. Recreation
16. Quiz 3: Pacific States Community
17. Alternate Quiz 3: Pacific States Community*
18. Special Project*
19. Review Activities
20. Test
21. Alternate Test*
22. Glossary and Credits

History and Geography 300

Unit 10: Review

Assignments

1. Geography of the United States
2. Project 1: Map Drawing: Geography of the United States
3. Quiz 1: Geography of the United States
4. Alternate Quiz 1: Geography of the United States*
5. Eastern US States Review
6. Southern Atlantic States Review
7. Southern States Review
8. Quiz 2: Eastern US States Review
9. Alternate Quiz 2: Eastern US States Review*
10. Western US States Review
11. Mountain States Review
12. Pacific States Review
13. Quiz 3: Western US States Review
14. Alternate Quiz 3: Western US States Review*
15. Project 2: Poster Project
16. Special Project*
17. Review Activities
18. Test
19. Alternate Test*
20. Glossary and Credits

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History and Geography 400

History and Geography 400 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course focuses on World Geography, describing the surface of the Earth and its natural features (biomes). It also teaches about cultural distinctives, placing special emphasis on North American geography and culture. Then, expanding on instruction, it presents a survey of Earth and space explorations. These areas of focus target three major content strands: Geography, History, and Social Studies Skills.

Upon completion of the course, students should be able to:

- identify significant explorers, such as Prince Henry, Christopher Columbus, and Ferdinand Magellan, noting their accomplishments.
- locate and describe different regions of the world, such as climactic and topographical regions.
- understand the world in spatial terms (according to hemispheres and maps).
- locate and describe U.S. regions made up of various groups of states, such as New England and the plains states.
- identify cultural and geographic differences between various biomes and countries that are covered in the course.

History and Geography 400	Unit 1: Our Earth		
	Assignments		
	1.	Course Overview	11. Recent Exploration of Earth: Part 1
	2.	Maps	12. Recent Exploration of Earth: Part 2
	3.	Oceans	13. Report: Space Flight
	4.	Continents	14. Report: Space Missions*
	5.	Rivers and Lakes	15. Quiz 3
	6.	Quiz 1	16. Special Project*
	7.	Early Exploration of Earth: Part 1	17. Review Game
	8.	Project: Spices*	18. Test
	9.	Early Exploration of Earth: Part 2	19. Alternate Test*
	10.	Quiz 2	20. Reference

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History and Geography 400

Unit 2: Seaport Cities

Assignments

1.	Seaports	15.	Turkish Culture
2.	Project: Map Part 1	16.	Quiz 3
3.	Australia	17.	London-Part 1
4.	Sydney	18.	Project: Map Part 3
5.	Report: Animals	19.	Project: Name the Parts*
6.	Project: Australian Flag*	20.	London-Part 2
7.	Quiz 1	21.	British Culture
8.	Hong Kong-Part 1	22.	Project: Map Part 4
9.	Hong Kong-Part 2	23.	Quiz 4
10.	Chinese Culture	24.	Special Project*
11.	Quiz 2	25.	Review Game
12.	Istanbul-Part 1	26.	Test
13.	Project: Map Part 2	27.	Alternate Test*
14.	Istanbul-Part 2	28.	Reference

History and Geography 400

Unit 3: Desert Lands

Assignments

1.	What is a Desert?	10.	Project: Nomads*
2.	Life in the Desert	11.	Modern Ways of Life
3.	Project: Plants and the Desert	12.	Project: Inventions
4.	Project: Desert Animals	13.	Quiz 3
5.	Quiz 1	14.	Special Project*
6.	Northern Hemisphere Deserts	15.	Review Game
7.	Southern Hemisphere Deserts	16.	Test
8.	Quiz 2	17.	Alternate Test*
9.	How Do People Live in the Desert?	18.	Reference

History and Geography 400

Unit 4: Grasslands

Assignments

1.	Grasslands	11.	Quiz 2
2.	The Ukraine-Part 1	12.	Argentina-Part 1
3.	The Ukraine-Part 2	13.	Argentina-Part 2
4.	The Ukraine-Part 3	14.	Argentina-Part 3
5.	Quiz 1	15.	Quiz 3
6.	Kenya-Part 1	16.	Special Project*
7.	Kenya-Part 2	17.	Review Game
8.	Kenya-Part 3	18.	Test
9.	Project: Kenyan Safari	19.	Alternate Test*
10.	Kenya-Part 4	20.	Reference

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History and Geography 400

Unit 5: Tropical Rainforests

Assignments

1. Rainforests of the World
2. Plants and Animals of the Rainforest
3. People and the Rainforest
4. Report: Rainforest Plants and Animals
5. Quiz 1
6. The Amazon
7. History of Amazonia
8. Amerindians of the Amazon
9. Quiz 2
10. The Congo Rainforest
11. History of the Congo
12. Report: The Livingstone Story
13. People of the Congo Rainforest
14. Quiz 3
15. Special Project*
16. Review Game
17. Test
18. Alternate Test*
19. Reference

History and Geography 400

Unit 6: The Polar Regions

Assignments

1. The Polar Regions
2. Ice and Icebergs
3. Quiz 1
4. Arctic Polar Region
5. Arctic Plant and Animal Life
6. Report: Arctic Animal
7. Life in the Arctic
8. The Arctic Today
9. Quiz 2
10. The Antarctic Polar Region
11. The Last Place on Earth
12. Report: Polar Explorer
13. Quiz 3
14. Special Project*
15. Review Game
16. Test
17. Alternate Test*
18. Reference

History and Geography 400

Unit 7: Mountain Countries

Assignments

1. Mountain Regions
2. The Andes and Peru
3. Peru Today
4. Quiz 1
5. The Himalayas
6. Nepal
7. Nepalese History
8. Nepal Today
9. Quiz 2
10. Switzerland of the Alps
11. Swiss History
12. Switzerland Today
13. Quiz 3
14. Special Project*
15. Review Game
16. Test
17. Alternate Test*
18. Reference

History and Geography 400

Unit 8: Living in Island Countries

Assignments

1. Islands of the World
2. Cuba
3. Cuban History
4. Life in Cuba
5. Quiz 1
6. Iceland
7. History of Iceland
8. Icelandic Life
9. Quiz 2
10. Japan
11. Japanese History
12. Life in Japan
13. Japanese Religion and Art
14. Quiz 3
15. Special Project*
16. Review Game
17. Test
18. Alternate Test*
19. Reference

History and Geography

Unit 9: North America

Assignments

1. Geography
2. Peninsulas, Oceans, and Islands
10. Mexico
11. Central America

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	3. Climate, Resources, and Culture	12. West Indies
	4. Quiz 1	13. Quiz 3
	5. Greenland	14. Special Project*
	6. Canada	15. Review Game
	7. United States-Part 1	16. Test
	8. United States-Part 2	17. Alternate Test*
	9. Quiz 2	18. Reference

History and Geography 400	Unit 10: Our World in Review	
	Assignments	
	1. Review of Geography	13. Review of Antarctica
	2. Review of Exploration	14. Quiz 3
	3. Review of Europe	15. Review of North America
	4. Quiz 1	16. Review of the United States
	5. Review of Asia-Part 1	17. Review of the North Polar Region
	6. Review of Asia-Part 2	18. Quiz 4
	7. Review of Africa	19. Special Project*
	8. Quiz 2	20. Review Game
	9. Review of Australia	21. Test
	10. Project: Investigate the Mystery	22. Alternate Test*
	11. Review of South America-Part 1	23. Reference
	12. Review of South America-Part 2	

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History and Geography 500

History and Geography 500 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. It focuses on two major areas, American History and Geography. The course covers American History from early exploration through the Reconstruction, with special emphasis given to inventions and technology of the 19th and early 20th centuries, and geography of the Americas, with special emphasis on Mexico, Canada, and U.S. regional geography. These areas of focus target four major content strands: History, Geography, Government and Citizenship, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Identify significant explorers, such as Christopher Columbus, Francisco Coronado, Sir Francis Drake, Ferdinand Magellan, and Samuel de Champlain, noting their accomplishments.
- Understand how conflict between the American colonies and Great Britain led to American independence.
- Understand political and social changes that occurred in the United States during the 19th century, including changes resulting from the Industrial Revolution, and explain how these changes led to conflict among sections of the United States.
- Describe the causes and effects of the Civil War and its aftermath.
- Apply geographic tools, including maps, legends, and symbols.
- Locate and describe U.S. regions made up of various groups of states, such as New England and the Great Plains.

Additionally, students will gain practice in report-writing and story-writing, covering topics like proverbs, the Pledge of Allegiance, frontier life, inventions, and more.

History and Geography 500

UNIT 1: Exploring the New World

Assignments

1.	Course Overview	12.	Project: Prayer of Thanksgiving*
2.	Exploration Tools	13.	New England Colonies
3.	Maps	14.	Middle Colonies
4.	Quiz 1	15.	Southern Colonies
5.	Viking and Portuguese Explorers	16.	Quiz 3
6.	Spanish Explorers	17.	Special Project*
7.	English Explorers	18.	Review Game
8.	French Explorers	19.	Test
9.	Dutch Explorers	20.	Alternate Test*
10.	Quiz 2	21.	Reference
11.	Early Settlements		

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History and Geography 500

Unit 2: Colonial American Life

Assignments

1. Life in New England Colonies
2. Project: Family Tree*
3. New England Clothing and Schools
4. New England Crafts
5. New England Worship and Activities
6. Quiz 1
7. Life in the Middle Colonies
8. Benjamin Franklin: A Successful Man
9. Benjamin Franklin: A Good Citizen
10. Project: Bible Proverbs
11. Project: Franklin Proverbs*
12. Quiz 2
13. Life in the Southern Colonies
14. Southern Activities and Worship
15. Quiz 3
16. Special Project*
17. Review Game
18. Test
19. Alternate Test*
20. Reference

History and Geography 500

Unit 3: Thirteen Colonies Become a Nation

Assignments

1. A Search for Freedom
2. Problems With England
3. Quiz 1
4. War of Independence
5. Project: Johnny Cakes*
6. Independence Declared
7. A Turning Point Reached
8. Essay: Revolutionary War*
9. Quiz 2
10. Victory Declared
11. A New Nation
12. Quiz 3
13. Democracy
14. Project: Pledge of Allegiance
15. Quiz 4
16. Special Project*
17. Review Game
18. Test
19. Alternate Test*
20. Reference

History and Geography 500

Unit 4: New Lands and Troubled Times

Assignments

1. The Louisiana Purchase
2. Project: Colonies Map Activity*
3. The War of 1812
4. Project: Star Spangled Banner*
5. Expansion from Sea to Sea
6. Project: Map of the United States*
7. Project: America the Beautiful*
8. Project: Current Event*
9. Quiz 1
10. Life on the Frontier
11. Life on the New Frontier
12. Project: Living in the Frontier
13. Quiz 2
14. Problems Between the North and the South
15. A Great Nation Divided by War
16. The Aftermath of the Civil War
17. Quiz 3
18. Special Project*
19. Review Game
20. Test
21. Alternate Test*
22. Reference

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History and Geography 500

Unit 5: The United States Becomes a World Leader

Assignments

1. Inventions and New Ideas
2. Development of Power
3. Technological Advancements
4. Project: Conservation*
5. Quiz 1
6. Industrialization
7. Power Struggles
8. Quiz 2
9. Immigration and Urbanization
10. Report: Biography
11. Essay: Government Money*
12. Quiz 3
13. Special Project*
14. Review Game
15. Test
16. Alternate Test*
17. Reference

History and Geography 500

Unit 6: United by Transportation and Communication

Assignments

1. Progress of Transportation in Early America
2. Land Transportation
3. Water Transportation
4. Quiz 1
5. Project: Family Travel*
6. Steamboat and Rail Transportation
7. Project: Tom Thumb*
8. Progress of Transportation After 1800
9. Air Transportation
10. Quiz 2
11. Progress of Communication in America
12. Printed and Postal Communication
13. Electronic Communication
14. Project: Skit*
15. Modern Communication and the Government
16. Report: Invention
17. Quiz 3
18. Special Project*
19. Review Game
20. Test
21. Alternate Test*
22. Reference

History and Geography 500

Unit 7: The United States- One Nation With Many Regions

Assignments

1. The New England States
2. The Middle Atlantic States
3. The Southern States
4. Report: State
5. Quiz 1
6. The Midwestern States-Part 1
7. The Midwestern States-Part 2
8. Project: Captain's Diary*
9. Project: Atlas Work*
10. The Western States
11. Quiz 2
12. Alaska
13. Hawaii and U.S. Island Possessions
14. Quiz 3
15. Special Project*
16. Review Game
17. Test
18. Alternate Test*
19. Reference

History and Geography 500

Unit 8: Our Southern Neighbors

Assignments

1. Mexico: Contrasts in Geography
2. Mexico: Contrasts in Cultures
3. Mexico: Contrasts in Daily Life
4. Quiz 1
5. Essay: Influence*
6. Central America: Contrasts in Geography
7. Report: Continental Divide
8. Central America: Contrasts in Culture
9. Central America: Contrasts in Daily Life
10. Quiz 2
11. Caribbean Islands
12. Quiz 3
13. Special Project*
14. Review Game
15. Test
16. Alternate Test*
17. Reference

History and Geography

Unit 9: Canada- Our Northern Neighbor

Assignments

1. Giant of the North
2. Mosaic of People
11. Spirit of Friendship
12. Report: Hudson Bay Company

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	3.	Project: Inuits*	13.	Government and Unity
	4.	Searchers of Gold, Glory, and Spices	14.	Provinces of Canada
	5.	Project: Play*	15.	Quiz 3
	6.	Quiz 1	16.	Special Project*
	7.	Glory of New France	17.	Review Game
	8.	A Century of Trial	18.	Test
	9.	Canadian Confederation	19.	Alternate Test*
	10.	Quiz 2	20.	Reference

History and Geography 500	**Unit 10: Review**			
	Assignments			
	1.	European Countries and Explorers	11.	Quiz 3
	2.	New World Colonies-Part 1	12.	Mexico
	3.	New World Colonies-Part 2	13.	Central America, Caribbean Islands, Canada
	4.	Quiz 1	14.	Quiz 4
	5.	War for Independence	15.	Special Project*
	6.	Expansion and More War	16.	Review Game
	7.	Quiz 2	17.	Test
	8.	Industrialization, Immigration, Urbanization	18.	Alternate Test*
	9.	Communication and World Leadership	19.	Reference
	10.	The United States		

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History and Geography 600

History and Geography 600 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course focuses on World History, with an emphasis on Western Europe. Specifically, it covers World History from ancient civilizations through the end of the 20th century, highlighting early Christianity (through the Reformation) and the two World Wars. These areas of focus target three major content strands: History, Geography, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Understand the world in spatial terms (according to hemispheres, latitude and longitude, maps, and time zones).
- Understand how cultures differ in each of the hemispheres studied.
- Understand Western civilization from its beginnings to the end of the Renaissance.
- Understand the significant religious, cultural, and scientific events in Europe during the Renaissance.
- Identify cultural and geographic differences between the South American countries studied.
- Identify cultural and geographic differences between the African countries studied.
- Identify key causes, events, and leaders of the two World Wars.
- Understand the history, culture, and politics of Eastern European countries.

Additionally, students will gain practice in report-writing, covering topics like North American geography, the Crusades, the influence of the Renaissance, the Industrial Revolution, and more.

History and Geography 600

Unit 1: World Geography

Assignments

1. Course Overview
2. Latitude and Longitude
3. Time Zones and Maps
4. Quiz 1
5. Western Hemisphere: North America
6. Project: North America
7. Western Hemisphere: South America
8. Quiz 2
9. Eastern Hemisphere: Africa
10. Eastern Hemisphere: Europe and Asia
11. Quiz 3
12. Southern Hemisphere: Australia and Antarctica
13. Quiz 4
14. World Cultures - Part 1
15. Report: Latin America*
16. World Cultures - Part 2
17. World Cultures - Part 3
18. Quiz 5
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

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History and Geography 600

Unit 2: The Cradle of Civilization

Assignments

1. Mesopotamia: Fertile Crescent and Sumer
2. Mesopotamia: Babylonia and Assyria
3. Mesopotamia: Chaldea and Persia
4. Quiz 1
5. Israel
6. Quiz 2
7. Egypt - The Old Kingdom
8. Egypt - The New Kingdom
9. Quiz 3
10. Special Project*
11. Review Game
12. Test
13. Alternate Test*
14. Reference

History and Geography 600

Unit 3: The Civilazations of Greece And Rome

Assignments

1. The Civilization of Greece
2. Greece: City-States
3. Greece: Wars
4. Greece: Contributions
5. Quiz 1
6. The Civilization of Rome
7. Rome: Power and Culture
8. Rome: Christianity, Contributions, Decline
9. Quiz 2
10. Special Project*
11. Review Game
12. Test
13. Alternate Test*
14. Reference

History and Geography 600

Unit 4: Life in the Middle Ages

Assignments

1. The Feudal System
2. Quiz 1
3. Daily Life
4. Project: The Poor*
5. Project: Pollution*
6. Quiz 2
7. Books and Schools
8. Project: Scribe*
9. Quiz 3
10. Islam
11. Quiz 4
12. The Crusades
13. Project: Crusade Lessons
14. Quiz 5
15. The Trade System
16. Quiz 6
17. The Cathedrals
18. Quiz 7
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

History and Geography 600

Unit 5: Western Europe

Assignments

1. The Renaissance: Awakening in Learning
2. Art, Architecture, and Exploration
3. Religion and Other Fields
4. Essay: Renaissance Influence
5. Quiz 1
6. The Industrial Revolution
7. Project: Industrial Revolution
8. Quiz 2
9. Age of Unrest: World War I
10. Report: World War I*
11. Age of Unrest: World War II
12. Quiz 3
13. Special Project*
14. Review Game
15. Test
16. Alternate Test*
17. Reference

History and Geography

Unit 6: Eastern Europe

Assignments

1. The Byzantine Empire
2. The Orthodox Church and Byzantine Art
9. Communism/The Space Age
10. Report: Country

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	3. Quiz 1	11. Quiz 3
	4. North and Central Countries	12. Special Project*
	5. Balkan Countries	13. Review Game
	6. Quiz 2	14. Test
	7. Modern History: Communism	15. Alternate Test*
	8. Communism vs Democracy	16. Reference

History and Geography 600

Unit 7: Africa

Assignments

1. Introduction and Northern Africa	9. Southern African Countries
2. Northern Coastal and Inland Countries	10. Quiz 3
3. Essay: Peace*	11. Special Project*
4. Essay: Treatment of Others	12. Review Game
5. Quiz 1	13. Test
6. Central Africa and Western Countries	14. Alternate Test*
7. Equatorial Countries	15. Reference
8. Quiz 2	

History and Geography 600

Unit 8: Six South American Countries

Assignments

1. Brazil: Geography	12. Venezuela: History, Today, and Tomorrow
2. Brazil: People and History	13. Report: Petroleum*
3. Brazil: Today and Tomorrow	14. Guyana, Suriname, and French Guiana
4. Report: Special Times	15. Report: Guianas*
5. Report: Brazil*	16. Quiz 3
6. Quiz 1	17. Special Project*
7. Colombia: Geography and People	18. Review Game
8. Colombia: History, Today, and Tomorrow	19. Test
9. Report: A Child in Colombia*	20. Alternate Test*
10. Quiz 2	21. Reference
11. Venezuela: Geography and People	

History and Geography 600

Unit 9: Seven South American Countries

Assignments

1. Ecuador, Peru, and Bolivia: Geography	11. Report: Magellan*
2. Ecuador, Peru, and Bolivia: People and History	12. Chile
3. Ecuador, Peru, and Bolivia: Cities and Resources	13. Report: Chile*
4. Report: Cities	14. Quiz 3
5. Quiz 1	15. Special Project*
6. Uruguay	16. Review Game
7. Paraguay	17. Test
8. Report: Paraguay and Uruguay*	18. Alternate Test*
9. Quiz 2	19. Reference
10. Argentina	

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History and Geography 600

Unit 10: Development of Our World

Assignments

1. Cradle of Civilization: Mesopotamia
2. Cradle of Civilization: Egypt and Israel
3. Quiz 1
4. Empire of Greece
5. Empire of Rome
6. Dark Ages in the Middle Ages
7. Quiz 2
8. Western Europe
9. Age of Unrest
10. Eastern Europe
11. Quiz 3
12. Africa
13. South America
14. Quiz 4
15. Special Project*
16. Review Game
17. Test
18. Alternate Test*
19. Reference

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History and Geography 700

History and Geography 700 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course surveys the social sciences, covering history, geography, anthropology, sociology, economics, and political science. These areas of focus target all five major content strands: History, Geography, Government and Citizenship, Economics, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Understand the historical method.
- Understand the world in spatial terms (according to latitude and longitude, maps, time zones, and Daylight Saving Time).
- Locate and describe different topographical features of the world, such as plains, mountainous regions, rivers, and valleys.
- Locate and describe U.S. regions made up of various groups of states, such as the Northeast and the Midwest.
- Understand the meaning, methods, and goals of anthropology.
- Understand the meaning, methods, and goals of sociology.
- Understand the anthropology and sociology of the United States, especially of Native Americans.
- Know the characteristics of major economic systems–free enterprise and socialism–and the role that government plays in each one.
- Understand and describe contributions made to the area of political science by various political thinkers.
- Understand the structure and functions of American government and economics at the state level.

Additionally, students will gain practice in report-writing, covering topics like topographies of home states, underdeveloped nations, modern political issues, and more.

History and Geography 700

Unit 1: What is History?

Assignments

1.	Course Overview	9.	Quiz 2
2.	The Definition of History	10.	Two Views of History
3.	Significance: Contributions	11.	Quiz 3
4.	Significance: Unity and Continuity	12.	Special Project*
5.	Significance: Conflicts	13.	Test
6.	Quiz 1	14.	Alternate Test*
7.	Characteristics of Historians	15.	Reference
8.	The Historical Method		

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History and Geography 700

Unit 2: What is Geography?

Assignments

1. Classes of Geography
2. Shape and Movement of the Earth
3. Quiz 1
4. Relief: Plains and Hills
5. Relief: Mountains and Plateaus
6. Elevation*
7. Relief: Rivers, Valleys, Oceans, Seas
8. Rivers*
9. The Journey West
10. Essay: Geography Trip*
11. Project: Landscape*
12. Quiz 2
13. Types of Projections
14. Places on Maps
15. Time Changes and Location
16. Project: Local Map*
17. Quiz 3
18. Special Project*
19. Test
20. Alternate Test*
21. Reference

History and Geography 700

Unit 3: The United States

Assignments

1. Geography: Part 1
2. Geography: Part 2
3. Early History
4. Quiz 1
5. Northeast
6. South
7. Quiz 2
8. Midwest
9. West
10. Project: My Own State
11. Quiz 3
12. Special Project*
13. Test
14. Alternate Test*
15. Reference

History and Geography 700

Unit 4: Anthropology - The Study of Mankind

Assignments

1. Understanding Anthropology
2. Goals and Methods of Anthropology
3. Fieldwork
4. Quiz 1
5. Unity of Man
6. Diversity of Man
7. Quiz 2
8. Seeking Food
9. Seeking Protection
10. Seeking Prosperity
11. Quiz 3
12. Special Project*
13. Test
14. Alternate Test*
15. Reference

History and Geography 700

Unit 5: Sociology - Man in Groups

Assignments

1. Introduction
2. Historical Development
3. Social Groups/ Cultural Influence
4. Social Behavior
5. Quiz 1
6. Methods
7. Quiz 2
8. Special Project*
9. Test
10. Alternate Test*
11. Reference

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History and Geography 700

Unit 6: Anthropology and Sociology of the United States

Assignments

1. Native Americans
2. Northeastern/ Southern Tribes
3. Midwestern/ Western Tribes
4. Other Cultural Groups
5. Essay: Native American Culture
6. Quiz 1
7. Immigrants From Europe, Asia, and Africa
8. Other Social Groups/ Religions
9. Quiz 2
10. United States as a Melting Pot
11. Change in Society
12. Quiz 3
13. Special Project*
14. Test
15. Alternate Test*
16. Reference

History and Geography 700

Unit 7: Economics - Resources and Needs

Assignments

1. Wants and Economic Systems
2. Resources Available and Choice
3. Report: Underdeveloped Country
4. Quiz 1
5. Market Mechanism
6. Competition
7. Role of Government and Money
8. Quiz 2
9. An Experiment in Economy
10. Essay: Economics
11. Quiz 3
12. Special Project*
13. Test
14. Alternate Test*
15. Reference

History and Geography 700

Unit 8: Political Science

Assignments

1. Areas of Political Science
2. Ways of Knowing
3. Quiz 1
4. Contributions: Jewish and Greek Civilizations
5. Essay: Greek Leader*
6. Contributions: Christianity
7. Report: Roman Leader
8. Quiz 2
9. Modern Political Thinkers
10. Theory, Practice, and Models
11. Essay: Western Political Thought
12. Essay: Political News
13. Quiz 3
14. Special Project*
15. Test
16. Alternate Test*
17. Reference

History and Geography 700

Unit 9: Economics and Politics of a State

Assignments

1. State Government
2. Structure: Legislative
3. Structure: Executive and Judicial
4. Quiz 1
5. State Finance: Spending and Taxing
6. State Finance: Taxing and Borrowing
7. Essay: Christian/Government
8. Quiz 2
9. Politics: Political Parties
10. Politics: Viewpoints and Power
11. Quiz 3
12. Special Project*
13. Test
14. Alternate Test*
15. Reference

History and Geography

Unit 10: Social Sciences Review

Assignments

1. Meaning of History/ Historical Method
11. Quiz 2

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2. Geography of the Earth
3. Geography and Early History of the U.S.
4. Quiz 1
5. Anthropology
6. Sociology
7. The Nature of Man
8. The Culture of Man
9. Cultural Groups of the United States
10. Immigrants and Social Change
12. The Discipline of Economics
13. The Discipline of Political Science
14. The State
15. Quiz 3
16. Special Project*
17. Test
18. Alternate Test*
19. Reference

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History and Geography 800

History and Geography 800 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course focuses on American History, covering the subject from early exploration through the present day, with special emphasis given to the Civil War and to inventions and technology of the 19th and early 20th centuries. These areas of focus target three major content strands: History, Geography, and Government and Citizenship.

Upon completion of the course, students should be able to do the following:

- Identify significant explorers, such as Christopher Columbus, Francisco Coronado, Sir Francis Drake, Ferdinand Magellan, Henry Hudson, Jacques Cartier, and Samuel de Champlain, noting their accomplishments.
- Understand how conflict between the American colonies and Great Britain led to American independence.
- Understand political, economic, and social changes that occurred in the United States during the 19th century, including changes resulting from the Industrial Revolution, and explain how these changes led to:
  - movement into the western frontier, and
  - conflict among sections of the United States.
- Describe the causes and effects of the Civil War and its aftermath.
- Describe the causes and effects of both World Wars.
- Understand some of the key challenges facing American society in the late 20th and early 21st centuries.

Additionally, students will gain practice in report-writing, covering topics like the thirteen colonies, the U.S. Constitution, the Civil War, inventors, and more.

History and Geography 800	Unit 1: European Backgrounds	
	Assignments	
	1. Course Overview	10. The Dutch Claim New Land
	2. Civilization Awakens from Darkness	11. French Trading Interests
	3. Exploration Catches Fire	12. Report: New World Explorers
	4. Quiz 1	13. Quiz 3
	5. Spain Launches Forth	14. Special Project*
	6. The East Meets the West	15. Test
	7 Spain's Treasure Hunt	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Spain's Rivals: English and Dutch Efforts	

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History and Geography 800

Unit 2: The Colonization of America

Assignments

1. Competition for Colonial Control
2. New France's Southward Expansion
3. English Face Unknown Horizons
4. Dutch Trading Interests
5. Quiz 1
6. British Colonies: Jamestown
7. New England Colonies
8. Middle and Southern Colonies
9. Colonial Governments
10. Report: Original Thirteen Colonies
11. Quiz 2
12. Development of Colonial Lifestyles
13. Life in a Puritan Community
14. Middle Bread Colonies
15. Mid-Atlantic Lifestyles
16. Southern Plantations
17. Plantation Living
18. Quiz 3
19. Special Project*
20. Test
21. Alternate Test*
22. Reference

History and Geography 800

Unit 3: War for Independence

Assignments

1. England's Colonial Politics
2. Discontent of the Indians
3. British Economy
4. Acts of Dismay
5. Colonial Resistance
6. Quiz 1
7. Continental Congress
8. Battles Which Led to War
9. Declaration of Independence
10. Quiz 2
11. Progress of the War
12. The Turning Point
13. Other Campaigns
14. Yorktown and the Treaty of Paris 1783
15. Report: Battle of Saratoga
16. Quiz 3
17. Special Project*
18. Test
19. Alternate Test*
20. Reference

History and Geography 800

Unit 4: The Emergence of a Nation

Assignments

1. Thirteen Colonies Become a Free Nation
2. Report: Americans Working for Rights Today
3. The Second Continental Congress
4. Quiz 1
5. Establishing a Government
6. Report: The Articles of Confederation
7. The Constitutional Convention
8. The United States Constitution
9. Report: Declaration of Independence and Constitution
10. Quiz 2
11. The Growing Nation
12. Formation of Political Parties
13. The Nation Suffers Growing Pains
14. Americans Move Westward
15. Quiz 3
16. Special Project H804D
17. Test
18. Alternate Test
19. Reference

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History and Geography 800

Unit 5: The Westward Movement

Assignments

1. Industrial Revolution in the North
2. Improved Transportation Systems
3. Erie Canal and Railroads
4. Improved Communication Systems
5. The Effect of the Industrial Revolution in the South
6. Report: American Inventors
7. Quiz 1
8. Development of Sectional Rivalries
9. Missouri Compromise and the Election of 1824
10. The Jacksonian Presidency
11. Jacksonian Policies
12. Quiz 2
13. Development of Western Lands
14. Texas Revolt
15. The Oregon Question
16. Mexican War
17. California Gold Rush
18. Quiz 3
19. Special Project
20. Test
21. Alternate Test
22. Reference

History and Geography 800

Unit 6: The Civil War

Assignments

1. Causes of the Civil War
2. The Institution of Slavery
3. Slavery Becomes an Issue
4. Continued Problems with Slavery
5. Events Leading to Secession and War
6. Essay: Causes of the Civil War
7. Quiz 1
8. Preparation for War: The First Battle
9. War Develops in the West
10. Gettysburg and Vicksburg
11. The Last Campaigns
12. The Emancipation Proclamation
13. Report: Civil War Report
14. Quiz 2
15. Reconstruction
16. Johnson Versus Republican Radicals
17. Radical Reconstruction
18. Report: Reconstruction and Its Effects
19. Quiz 3
20. Special Project*
21. Test
22. Alternate Test*
23. Reference

History and Geography 800

Unit 7: The Industrial Nation

Assignments

1. European Background of Industry
2. Beginnings of Industry in England
3. Industry in the Colonies
4. Industry in the New Nation
5. Quiz 1
6. Early Industry in the United States
7. War's Contribution to Industry
8. Later Industrial Achievements
9. Further Achievements: Power, Transportation, and Communication
10. Report: Inventors and Inventions
11. Quiz 2
12. Influence of Industry: Growth of Corporations
13. Labor Practices: The Advent of Unions
14. Essay: Workers and Employers
15. Crisis of the Individual
16. Report: Achievements of the Industrial Revolution
17. Quiz 3
18. Special Project*
19. Test
20. Alternate Test*
21. Reference

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istory and Geography 800

Unit 8: Twentieth Century World Power

Assignments

1. Overseas Expansion
2. Spanish-American War
3. World Awareness
4. Panama Canal
5. Quiz 1
6. Causes of the First World War
7. Military Movements
8. War on the Continent
9. Cost of Conflict
10. Quiz 2
11. Search for Peace
12. Regaining Normalcy
13. A Deceptive Prosperity
14. Gradual Recovery
15. Report: Presidents and World War I
16. Quiz 3
17. Special Project*
18. Test
19. Alternate Test*
20. Reference

History and Geography 800

Unit 9: The United States in a Changing World

Assignments

1. Between the Wars: New Threats Emerge
2. World War II Begins
3. The United States Enters the War
4. Allied Victory
5. Quiz 1
6. Allied Military Occupation
7. Cold War in Europe
8. Hot War in Asia
9. Trouble Spots Around the World
10. Quiz 2
11. Vietnam
12. Nixon, Ford, and Carter
13. Reagan, Bush, and Clinton
14. The United States in the Twenty-First Century
15. Quiz 3
16. Challenges Today: Technology
17. Challenges Today: Society
18. Challenges Today: Religion
19. Quiz 4
20. Special Project*
21. Test
22. Alternate Test*
23. Reference

History and Geography 800

Unit 10: American History Review

Assignments

1. America's European Background
2. American Colonization
3. American Revolution
4. Quiz 1
5. Establishment of Government
6. The Growth of the United States
7. Development of Sectional Rivalries
8. Settlement of Western Lands
9. Civil War and Reconstruction
10. Quiz 2
11. Vietnam
12. The United States as a World Power
13. World War I
14. Normalcy and Depression
15. World War II
16. The United Nations and the Cold War
17. Quiz 3
18. Special Project*
19. Test
20. Alternate Test*
21. Reference
23. Reference

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World Geography

World Geography takes students on a journey around the world in which they will learn about the physical and human geography of various regions. They will study the history of each region and examine the political, economic, and cultural characteristics of the world in which we live. Students will also learn about the tools and technologies of geography such as globes, maps, charts, and global information systems.

Upon completion of the course, students should be able to do the following:

- Select and use geographic tools to get information and make predictions.
- Compare places based upon their similarities and differences.
- Identify geographic factors that influenced historic events.
- Evaluate the interrelatedness and interdependence of physical and human systems and their impact on our earth.
- Analyze the role played by culture in the spatial organization of the earth.
- Define the key geographic concerns facing the world and strategize methods to deal with these issues in the future.

Students will also gain practice in writing and note-taking. They will be asked to create graphic organizers, conduct research, analyze information, and write essays on topics such as current events, energy resources, national parks, and more.

World Geography	Unit 1: Introduction to Geography	
	Assignments	
	1. Course Overview	13. Physical Processes: The Atmosphere and the Hydrosphere
	2. What Is Geography?	14. Physical Processes: The Lithosphere and the Biosphere
	3. Project: Note It!*	15. Ecosystems
	4. Geographic Tools: Globes and Maps	16. Project: Map It!*
	5. Geographic Tools: Graphs, Charts, and More	17. Quiz 3: Our Earth
	6. Quiz 1: Introduction to Geography	18. Special Project*
	7. Geographic Themes: Location and Place	19. Review
	8. Geographic Themes: Human-Environmental Interaction and Movement	20. Test
	9. Geographic Themes: Regions	21. Alternate Test*
	10. Project: Summarize It!	22. Glossary and Credits
	11. Quiz 2: Geographic Themes	
	12. Physical Characteristics	

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World Geography

Unit 2: Human Geography

Assignments

1. Where People Live
2. Settlement and Movement
3. Quiz 1: Where We Live
4. Cultural Mosaics
5. Economics
6. Conflict and Cooperation
7. Quiz 2: Why Do People Live Where They Do?
8. Humans and Their Environment - Part 1
9. Humans and Their Environment - Part 2
10. Historical Perspectives
11. Project: Analyze It!
12. Quiz 3: Interactions
13. Special Project*
14. Review
15. Test
16. Alternate Test*
17. Glossary and Credits

World Geography

Unit 3: North America

Assignments

1. North America in Spatial Terms
2. The United States: The Northeast and the South
3. The United States: The Midwest and the West
4. Canada and Greenland
5. Mexico
6. Quiz 1: Physical Geography
7. Settlement and Movement
8. Culture
9. Economics and Politics
10. Quiz 2: Human Geography
11. Environment and Society
12. Historical Perspectives
13. Project: Analyze It!
14. Quiz 3: Uses of Geography
15. Special Project*
16. Review
17. Test
18. Alternate Test*
19. Glossary and Credits

World Geography

Unit 4: Central America, South America, and the Caribbean

Assignments

1. Central America
2. South America
3. The Caribbean
4. Quiz 1: Physical Geography
5. Settlement and Movement
6. Culture
7. Economics and Politics
8. Quiz 2: Human Geography
9. Environment and Society
10. Historical Perspectives
11. Project: Consider It!
12. Looking Ahead
13. Quiz 3: Uses of Geography
14. Special Project*
15. Review
16. Test
17. Alternate Test*
18. Glossary and Credits

World Geography

Unit 5: Oceania, Australasia, and Antarctica

Assignments

1. Oceania, Australasia, and Antarctica in Spatial Terms
2. Micronesia, Melanesia, and Polynesia
3. Australia and New Zealand
4. Antarctica
5. Quiz 1: Physical Geography
6. Settlement and Movement
7. Culture
8. Economics and Politics
9. Quiz 2: Human Geography
10. Environment and Society
11. Historical Perspectives
12. Project: Analyze It!*
13. Quiz 3: Uses of Geography
14. Special Project*
15. Review
16. Test
17. Alternate Test*
18. Glossary and Credits

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WG

Unit 6: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam – Form A*
4. Alternate Exam – Form B*

World Geography

Unit 7: Western Europe

Assignments

1. Northern Region
2. Western Central Region
3. Southern Region
4. Quiz 1: Physical Geography
5. Settlement and Movement
6. Culture
7. Economics and Politics
8. Project: Chart It!
9. Quiz 2: Human Geography
10. Environment and Society
11. Historical Perspectives
12. Quiz 3: Uses of Geography
13. Special Project*
14. Review
15. Test
16. Alternate Test*
17. Glossary and Credits

World Geography

Unit 8: Eastern Europe and Russia

Assignments

1. Central Region
2. Balkan Region
3. Eastern Region
4. Quiz 1: Physical Geography
5. Settlement and Movement
6. Culture
7. Economics and Politics
8. Quiz 2: Human Geography
9. Environment and Society
10. Historical Perspectives
11. Project: Report It!
12. Quiz 3: Uses of Geography
13. Special Project*
14. Review
15. Test
16. Alternate Test*
17. Glossary and Credits

World Geography

Unit 9: Sub-Saharan Africa

Assignments

1. Sub-Saharan Africa in Spatial Terms
2. West and Central Africa
3. East and Southern Africa
4. Quiz 1: Physical Geography
5. Settlement and Movement
6. Culture
7. Economics and Politics
8. Quiz 2: Human Geography
9. Environment and Society
10. Historical Perspectives
11. Quiz 3: Uses of Geography
12. Project: Solve It!
13. Special Project*
14. Review
15. Test
16. Alternate Test*
17. Glossary and Credits

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World Geography

Unit 10: North Africa and Southwest Asia

Assignments

1. North Africa
2. Southwest Asia: The Middle East
3. Southwest Asia: The Arabian Peninsula
4. Quiz 1: Physical Geography
5. Settlement and Movement
6. Culture
7. Economics and Politics
8. Quiz 2: Human Geography
9. Environment and Society
10. Historical Perspectives
11. Project: Evaluate It!
12. Quiz 3: Uses of Geography
13. Special Project*
14. Review
15. Test
16. Alternate Test*
17. Glossary and Credits

World Geography

Unit 11: Central, South, East, and Southeast Asia

Assignments

1. Central Asia
2. South Asia
3. East Asia
4. Southeast Asia
5. Quiz 1: Physical Geography
6. Historical Perspectives: South and Southeast Asia
7. Historical Perspectives: East Asia
8. Culture
9. Quiz 2: Human Geography
10. Economics and Politics
11. Environment: South and Southeast Asia
12. Environment: East Asia
13. Project: Analyze It!
14. Quiz 3: Uses of Geography
15. Special Project*
16. Review
17. Test
18. Alternate Test*
19. Glossary and Credits

WG

Unit 12: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam – Form A*
4. Alternate Exam – Form A*

WG

Unit 12: Final Exam

Assignments

1. Exam
2. Alternate Exam – Form A*
3. Alternate Exam – Form B*

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World History

World History continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. With an emphasis on Western Europe, the course surveys ancient civilizations to the end of the 20th century, highlighting early Christianity (through the Reformation) and the two World Wars. These areas of focus target three major content strands: History, Geography, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Understand Western civilization from its beginnings to the present day.
- Understand the significant political and economic transformations and significant cultural and scientific events in Europe during the Renaissance.
- Understand significant religious and societal issues from the Renaissance through the Reformation.
- Understand the significant social and political developments in Europe and America brought on by the English, American, and French Revolutions.
- Understand the effects of the Industrial Revolution.
- Analyze major historical and political events of the 20th century, including the two World Wars, the Cold War, and the Vietnam War.

Additionally, students will gain practice in report-writing, covering topics like the rise of Christianity, the U.S. Constitution, communism versus free enterprise, the United Nations, and more.

World History	Unit 1: Ancient Civilizations I	
	Assignments	
	1. Course Overview	12. Babylonian and Assyrian Civilization
	2. Elements of Civilization	13. Assyrian History
	3. Origin of Man	14. Neo-Babylonian Empire
	4. Fall of Man and Flood From God	15. Quiz 3: Assyrian and Babylonian Civilizations
	5. Origin of Civilization	16. Persian Civilization
	6. Origin of Nations	17. Quiz 4: Ancient Civilizations
	7. Quiz 1: Meaning and Origin of Civilization	18. Special Project*
	8. Early Egyptian Geography and History	19. Test: Ancient Civilizations I
	9. Early Egyptian Empire	20. Alternate Test: Ancient Civilizations I*
	10. Early Egyptian Civilization	21. Glossary and Credits
	11. Quiz 2: Early Egyptian Civilization	

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World History

Unit 2: Ancient Civilizations II

Assignments

1. The Eastern World: India
2. The Eastern World: China
3. Quiz 1: India and China
4. Greece: Geography and History
5. Greece: Dark Ages
6. Greece: 550-405 B.C.
7. Greece: 359-31 B.C.
8. Greece: Culture
9. Quiz 2: The Greek Civilization
10. Rome: Pre-Republic and Republic
11. Rome: The Empire
12. Rome: Decline of the Empire
13. Christianity and the Roman Empire
14. Report: The Rise of Christianity
15. Quiz 3: The Roman Empire
16. Special Project*
17. Test: Ancient Civilizations II
18. Alternate Test: Ancient Civilizations II*
19. Glossary and Credits

World History

Unit 3: The Medieval World

Assignments

1. The Middle Ages: An Introduction
2. Early Middle Ages
3. Quiz 1: The Early Middle Ages
4. Transition: The Continent and New Invasions
5. Transition: England, the Church, and the Growth of Islam
6. Quiz 2: The Middle Ages in Transition
7. High Middle Ages: Setting
8. High Middle Ages: Monarchies and the Church
9. High Middle Ages: The Byzantine Empire and Other World Powers
10. Quiz 3: The High Middle Ages
11. Special Project*
12. Test: The Medieval World
13. Alternate Test: The Medieval World*
14. Glossary and Credits

World History

Unit 4: Renaissance and Reformation

Assignments

1. Renaissance Government: France and England
2. Renaissance Government: Italy and Spain
3. Developments in Art
4. Changes in Literature and Thought
5. Advances in Science
6. Quiz 1: The Renaissance
7. The Reformation: Wycliffe, Huss, and Luther
8. The Reformation: Zwingli, Grebel, Calvin, and Knox
9. England: Henry VIII and Edward VI
10. England: Mary I and Elizabeth I
11. Reform Within the Catholic Church
12. Wars of Religion
13. Quiz 2: The Reformation
14. Special Project*
15. Test: Renaissance and Reformation
16. Alternate Test: Renaissance and Reformation*
17. Glossary and Credits

World History

Unit 5: Growth of World Empires

Assignments

1. Absolutism in England: 16-17th Centuries
2. Absolutism in England: 17th Century
3. Absolutism in France
4. Report: Versailles
5. English Mercantilism
6. French Mercantilism and Colonial Rivalry
7. Quiz 1: England and France
8. Portugal
9. Spain
10. Quiz 2: Portugal and Spain
11. Austria, Germany, and Italy
12. Report: Prussia*
13. The Ottoman Empire
14. Quiz 3: Austria, Germany, Italy, and the Ottoman Empire
15. Special Project*
16. Test: Growth of World Empires
17. Alternate Test: Growth of World Empires*
18. Glossary and Credits

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World History

Unit 6: The Age of Revolution

Assignments

1. English Revolution: Divine Right (Cavaliers)
2. English Revolution: Divine Right (Roundheads)
3. English Revolution: People's Choice
4. Quiz 1: English Revolution
5. American Revolution: British Background
6. Report: Boston Tea Party*
7. American Revolution: American Frontier
8. Report: 1770s Colonist*
9. Report: Constitution
10. Quiz 2: American Revolution
11. French Revolution: Old Regime
12. French Revolution: New Leadership
13. Report: Napoleon*
14. Report: Napoleon and Modern Society
15. Quiz 3: French Revolution
16. Special Project*
17. Test: The Age of Revolution
18. Alternate Test: The Age of Revolution*
19. Glossary and Credits

World History

Unit 7: The Industrial Revolution

Assignments

1. England: Sparks of Preparation
2. England: Fires of Continuation
3. Quiz 1: Industrial Revolution in England
4. United States: Industrial Climate
5. United States: Industrial Progress
6. Report: Industrial Revolution Biography
7. Quiz 2: Industrial Revolution in the United States
8. Social Changes: Negative Drawbacks
9. Social Changes: Positive Contributions
10. Report: Socialism or Free Enterprise
11. Quiz 3: Social Changes of the Industrial Revolution
12. Special Project*
13. Test: The Industrial Revolution
14. Alternate Test: The Industrial Revolution*
15. Glossary and Credits

World History

Unit 8: Two World Wars

Assignments

1. World War I: Mounting Tensions
2. World War I: Erupting Conflicts
3. World War I: Counter-Aggression
4. Quiz 1: World War I
5. The Russian Revolution: 1905
6. The Russian Revolution: 1917
7. Peace Initiative
8. Post-War Attitudes
9. Report: Comfort in the Depression*
10. Power Quests
11. Military Aggression
12. Quiz 2: Between the Wars
13. World War II: Battle Fronts
14. Report: Allied Battle Strategy
15. World War II: Battles in the Pacific
16. Peace Efforts
17. Unification
18. Report: Twentieth Century
19. Quiz 3: World War II
20. Special Project*
21. Test: A Revolution and Two World Wars
22. Alternate Test: A Revolution and Two World Wars*
23. Glossary and Credits

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World History

Unit 9: The Contemporary World

Assignments

1. Origins of the Cold War
2. United Nations and the Marshall Plan
3. Report: The United Nations
4. The Course of the Cold War
5. The Vietnam War and Invasions
6. The End of the Cold War
7. Report: The Cold War
8. Quiz 1: The Cold War
9. North America
10. Central America and the Caribbean Islands
11. Report: Central American Governments*
12. South America
13. Quiz 2: The Western Hemisphere Today
14. Europe
15. Africa
16. Asia
17. The Far East and Australia
18. Quiz 3: The Eastern Hemisphere Today
19. Special Project*
20. Test: The Contemporary World
21. Alternate Test: The Contemporary World*
22. Glossary and Credits

World History

Unit 10: Ancient Times to the Present

Assignments

1. Ancient Civilizations
2. Greeks, Romans, and Other Ancient Cultures
3. Medieval Times: Invasions and Feudalism
4. Medieval Culture and the Church
5. Quiz 1: Ancient Civilizations and Medieval Times
6. Politics of the Renaissance
7. Art and Sciences of the Renaissance
8. The Reformation
9. Absolutism
10. Exploration
11. Quiz 2: The Renaissance and Reformation
12. The Modern World: Revolutions
13. The Industrial Revolution
14. Two World Wars and Attempts at Peace
15. Current Events
16. Quiz 3: The Modern World
17. Special Project*
18. Test: Ancient Times to the Present
19. Alternate Test: Ancient Times to the Present*
20. Glossary and Credits

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American History

American History continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course covers early American exploration to the present day, placing special emphasis on the politics of the 18th and early 19th centuries and the Civil War. These areas of focus target three major content strands: History, Geography, and Government and Citizenship.

Upon completion of the course, students should be able to do the following:

- Understand how conflict between the American colonies and Great Britain led to American independence.
- Understand political, economic, and social changes that occurred in the United States during the 19th century, including changes resulting from the Industrial Revolution.
- Explain how political, economic, and social changes in the U.S. led to conflict among sections of the United States in the 19th century.
- Describe the causes and effects of the Civil War and its aftermath.
- Describe the causes and effects of both World Wars.
- Understand some of the key challenges facing American society in the late 20th and early 21st centuries.

Additionally, students will gain practice in writing essays and reports, covering topics like the Monroe Doctrine, the states' rights debate, the Lincoln-Douglas debates, isolationism, the New Deal, the Korean conflict, and more.

American History

Unit 1: Foundations of the American Republic

Assignments

1. Course Overview
2. Revival of Trade and Commerce
3. New Ideas and Religious Changes
4. Quiz 1: Foundation of the American Republic
5. Colonization Begins in the New World
6. Project: Jamestown*
7. Puritan Background and Plymouth Settlement
8. Puritan Migration and the Settlement of New England
9. Quiz 2: Colonization Begins
10. The Middle Colonies
11. The Southern Colonies
12. Growth of the Colonies
13. Quiz 3: Middle and Southern Colonies
14. Special Project*
15. Test
16. Alternate Test*
17. Reference

American History

Unit 2: Development of Constitutional Government

Assignments

1. Relations with England
2. French and Indian War
3. Colonial Resistance
4. Quiz 1: Relations with England
5. Second Continental Congress
6. Opposition and Aid
7. War in the South and West
8. Quiz 2: The Revolutionary War
9. Birth of a Nation
10. Articles of Confederation
11. Constitution of the United States
12. Essay: Constitutional Republic
13. Quiz 3: Birth of a Nation
14. Special Project*
15. Test
16. Alternate Test*
17. Reference

American History

Unit 3: National Expansion

Assignments

1. Federal Government
2. First Political Parties
9. Essay: Foreign Policy
10. Sectionalism and the Jackson Administration

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	3. Essay: Responsibilities*	11. Essay: Missouri Compromise*
	4. Quiz 1: Ship of State	12. Quiz 3: Nationalism and Sectionalism
	5. The Revolution of 1800	13. Special Project*
	6. The War of 1812	14. Test
	7. Quiz 2: Revolution of 1800 and War of 1812	15. Alternate Test*
	8. Nationalism and the Monroe Administration	16. Reference

American History	Unit 4: A Nation Divided	
	Assignments	
	1. The Emergence of Sectionalism	10. The Politics of Slavery
	2. Project: Leaders of the States' Rights Debate	11. Essay: Escaped Slave*
	3. The Division of Land	12. Report: Slave Codes
	4. The Establishment of New Territory	13. Quiz 2: The Emergence of Slavery
	5. The Division of the People	14. Special Project*
	6. Essay: Lincoln/Douglas Debates	15. Test
	7. Quiz 1: The Emergence of Sectionalism	16. Alternate Test*
	8. The Emergence of Slavery	17. Reference
	9. Essay: Free-born Residents*	

American History	Unit 5: A Nation Divided and United	
	Assignments	
	1. Regional Lifestyles: The East and West	9. Reconstruction
	2. Regional Lifestyles: The South	10. Report: Reconstruction Scandals
	3. Quiz 1: Regional Lifestyles	11. Quiz 3: Reconstruction
	4. Civil War: Division and Antagonism	12. Special Project*
	5. Essay: The Trent Affair	13. Test
	6. Civil War: Union Blockade and Hostilities	14. Alternate Test*
	7. The Civil War: Final Phase	15. Reference
	8. Quiz 2: Civil War	

American History	Unit 6: United States Involvement at Home and Abroad	
	Assignments	
	1. U.S. Industry: Birth and Growth	10. Essay: Isolation and Involvement
	2. U.S. Industry: Economic Expansion	11. Quiz 3: Foreign Policy
	3. Quiz 1: Industrial Growth in the United States	12. March Toward Conflict: Causes
	4. Industrial Lifestyle: Trends	13. March Toward Conflict: Factions
	5. Industrial Lifestyle: Labor Movement	14. Quiz 4: March Toward Conflict
	6. Quiz 2: Industrial Lifestyle	15. Special Project*
	7. Foreign Policy: Isolationism	16. Test
	8. Essay: Seward's Proposal	17. Alternate Test*
	9. Foreign Policy: International Realism	18. Reference

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American History

Unit 7: The Search for Peace

Assignments

1. The First Global Conflict
2. A Plan For Peace
3. Report: A Just Peace*
4. Quiz 1: The Great War and Its Aftermath
5. The Golden Twenties
6. Quiz 2: The Golden Twenties
7. The Great Depression
8. Essay: Foreign Policy
9. Quiz 3: The Great Depression
10. The New Deal
11. Essay: New Deal*
12. Quiz 4: The New Deal
13. Special Project*
14. Test
15. Alternate Test*
16. Reference

American History

Unit 8: A Nation at War

Assignments

1. World War II: Causes of the War
2. World War II: Theaters of Operation
3. Quiz 1: World War II
4. Communist Threat: World Unrest
5. Korean Conflict: The Cold War Becomes Hot
6. Report: Containment Policy
7. Quiz 2: Korean Conflict
8. Vietnam: Fighting Communism in S.E. Asia
9. Vietnam: Withdrawal by the United States
10. Report: Biography*
11. Quiz 3: Vietnam Conflict
12. Special Project*
13. Test
14. Alternate Test*
15. Reference

American History

Unit 9: Contemporary America

Assignments

1. America in the 1960s: Part 1
2. Report: Kennedy Assassination
3. Report: I Have a Dream*
4. America in the 1960s: Part 2
5. The International Scene of the 1960s
6. Quiz 1: America in the 1960s
7. America in the 1970s: Part 1
8. America in the 1970s: Part 2
9. The International Scene of the 1970s
10. Quiz 2: America in the 1970s
11. America in the 1980s and 1990s: Part 1
12. America in the 1980s and 1990s: Part 2
13. America in a New Century
14. Quiz 3: America in the 1980s and 1990s
15. The International Scene - 1980-Present: Part 1
16. The International Scene - 1980-Present: Part 2
17. Our Nation Saw Evil. . .
18. America's Department of Homeland Security*
19. Report: Department of Homeland Security*
20. Terrorism Has a Name: Bin Laden
21. Quiz 4: The International Scene 1980-1995
22. Special Project*
23. Test
24. Alternate Test*
25. Reference

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American History

Unit 10: United States History Review

Assignments

1.	Changes in Europe	16.	Essay: Roosevelt's New Deal
2.	Early Colonization	17.	World War I
3.	Quiz 1: Europe and the American Colonies	18.	Quiz 4: Industrialization of the United States
4.	Rising Tensions in the Colonies	19.	The United States: From World War II to Vietnam
5.	Second Continental Congress	20.	Essay: Vietnam War*
6.	Colonial Government	21.	From John F. Kennedy to Gerald R. Ford
7.	Quiz 2: The American Revolution	22.	Essay: President Kennedy
8.	United States of the 1800s	23.	From Jimmy Carter to George W. Bush
9.	Jackson Era	24.	Quiz 5: Current History of the United States
10.	Report: Regional Lifestyles	25.	The '80s and Beyond
11.	Report: Sectionalism and Slavery*	26.	Quiz 6: The 80s and 90s
12.	Civil War	27.	Special Project*
13.	Reconstruction of the South	28.	Test
14.	Quiz 3: United States of the 1800's	29.	Alternate Test*
15.	Industrialization of the United States	30.	Reference

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Government and Economics

Government and Economics continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course focuses on two major areas: Government, with special emphasis on American government, and Economics, with special emphasis on personal finance. These areas of focus target three major content strands: History, Government and Citizenship, and Economics.

Upon completion of the course, students should be able to do the following:

- Understand the basics of various philosophies of government.
- Understand the structure and functions of government and how the principles and values of American democracy (e.g., limited government and popular sovereignty) are reflected in American constitutional government.
- Understand how the overall design, as well as specific features of the U.S. Constitution prevent the abuse of power by using a system of checks and balances (e.g., federalism).
- Understand the role of political parties, the media, and the public on the political process.
- Know the characteristics of different economic systems (e.g., capitalism, mixed economy, communism).
- Understand basic terms associated with economic performance and the state of the economy (e.g., supply and demand, inflation, monopoly).

Additionally, students will gain practice in writing essays and reports, covering topics like elected officials, the Supreme Court, Christians in politics, on-line banking, the euro, and more.

Government and Economics

Unit 1: International Governments

Assignments

1. Course Overview
2. Why Have Governments?
3. Types of Governments
4. A List of Government Terms
5. Quiz 1: Government
6. Presidential Governments
7. Parliamentary Governments
8. Quiz 2: Forms of Government
9. One-Party and Multiparty Governments
10. Aquinas, Aristotle, and Engels
11. Machiavelli, Marx, and Milton
12. Report: Governmental Officials
13. Quiz 3: Political Thinkers
14. Special Project*
15. Test
16. Alternate Test*
17. Reference

Government and Economics

Unit 2: United States Government

Assignments

1. United States Constitution
2. The Bill of Rights
3. States' Rights and Responsibilities
4. Quiz 1: United States Government
5. Executive Branch
6. Judicial Branch
7. Report: Supreme Court
8. Legislative Branch
9. Quiz 2: Branches of Government
10. How a Bill Becomes Law: Part 1
11. How a Bill becomes Law: Part 2
12. Quiz 3: How a Bill Becomes Law
13. Special Project*
14. Test
15. Alternate Test*
16. Reference

Govern ment

Unit 3: The American Party System

Assignments

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	1.	The American Party System	9.	Quiz 2: Political Parties
	2.	Development of American Political Parties	10.	Making Voting More Effective
	3.	Republican and Third Parties	11.	Voting in Elections
	4.	Report: The American Party System	12.	Quiz 3: Voting
	5.	Quiz 1: The American Party System	13.	Special Project*
	6.	How Do You Form a Political Party?	14.	Test
	7.	Organization of a Political Party	15.	Alternate Test*
	8.	Nominations and Elections	16.	Reference

Government and Economics

Unit 4: History of Governments

Assignments

1.	A Primitive Government Primer	9.	Quiz 2: Feudalism, Theocracy, and Democracy
2.	Beginning of Democracy: Ancient Greece	10.	Fascism
3.	Ancient Roman Government	11.	Nazism
4.	Quiz 1: A Primitive Government Primer	12.	Quiz 3: Fascism and Nazism
5.	Feudalism	13.	Special Project*
6.	Report: Feudalism	14.	Test
7.	Theocracy	15.	Alternate Test*
8.	Democracy	16.	Reference

Government and Economics

Unit 5: The Christian and His Government

Assignments

1.	The Christian and American Government	9.	The Good and the Bad of Propaganda
2.	Discrimination and the Christian	10.	Quiz 3: Involvement in Politics and the Community
3.	Christian Attitudes in American Society	11.	Report: The Christian and His Government
4.	Quiz 1: The Christian and Government	12.	Special Project*
5.	The Christian and Public Opinion	13.	Test
6.	The Christian and Media	14.	Alternate Test*
7.	Quiz 2: Christian Attitudes and Public Polls	15.	Reference
8.	Can I Get Involved in Politics?		

Government and Economics

Unit 6: Free Enterprise

Assignments

1.	Economics	9.	International Finance
2.	Economic Terms	10.	U.S. Currency in History
3.	How Does an Economy Grow?	11.	Quiz 3: Currency and Reserves
4.	Quiz 1: Economics	12.	Special Project*
5.	A Guide to Learning World Financial Terms	13.	Test
6.	Unions and Labor	14.	Alternate Test*
7.	Money: Its Use Through History	15.	Reference
8.	Quiz 2: Finance and Labor		

Government and Economics

Unit 7: Business and You

Assignments

1.	Running a Business	9.	Bankruptcy
2.	Caveat Emptor	10.	Quiz 3: Business Concerns - Deregulation and Bankruptcy
3.	Government and Business		
4.	Quiz 1: Business and the Consumer	11.	Report: Business and You
5.	Federal Reserve System	12.	Special Project*

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	6. Monopolies	13. Test
	7. Quiz 2: Business and You	14. Alternate Test*
	8. Deregulation	15. Reference

Government and Economics

Unit 8: The Stock Market

Assignments

1. The Stock Market: How It Started	9. Tracking Stocks in the Newspaper
2. The Stock Market: How It Works	10. Quiz 3: Types of Stocks
3. Selling, Buying, and Brokers	11. Report: Stock Market Investing
4. Quiz 1: The Stock Market	12. Special Project*
5. Selecting Stocks	13. Test
6. What Causes the Stock Market to Crash?	14. Alternate Test*
7. Quiz 2: Selecting Stocks	15. Reference
8. Types of Stocks	

Government and Economics

Unit 9: Budget and Finance

Assignments

1. Your Personal Finances	8. Quiz 2: Savings and Loans and Credit Unions
2. Spend Your Money Wisely	9. Report: Banking
3. Checking Accounts	10. Special Project*
4. College Grants and Loans	11. Test
5. Quiz 1: Your Personal Finances	12. Alternate Test*
6. IRA Accounts	13. Reference
7. Buying a Car	

Government and Economics

Unit 11: International Issues

Assignments

1. World of the Euro	9. Close Trading Partners
2. Report: The Euro and Its Impact	10. The Holy Land and Current Issues
3. Centers of International Finance	11. Christian Heroes and Their Lands
4. Quiz 1: Euro and International Finance	12. Report: Israel
5. The Global Traveler	13. Quiz 3: Neighbors, Heroes, and the Holy Land
6. U.S. States and Capital Cities (1)	14. Special Project*
7. U.S. States and Capital Cities (2)	15. Test
8. Quiz 2: U.S States, Capital Cities, and the Global Traveler	16. Alternate Test*
	17. Reference

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English Language Arts

Language Arts 300

Language Arts 300 focuses on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Unit 1:** Understand and recognize rules for capitalization and vowels, as well as identifying a main idea.
- **Unit 2:** Write complete sentences with proper capitalization and organize words into alphabetical order.
- **Unit 3:** Apply understanding of dictionary use, identifying word parts, and defining vocabulary.
- **Unit 4:** Differentiate parts of speech, irregular vowel sounds, as well as practicing reading comprehension strategies.
- **Unit 5:** Use commas properly and recognize words with silent letters.
- **Unit 6:** Identify cause and effect in a passage, recognize homographs, and read and understand Haiku poetry.
- **Unit 7:** Use suffixes and pronouns to improve writing such as friendly letters, as well as applying strategies for following directions.
- **Unit 8:** Read and describe parts of a play and recognize root words and adjectives that compare.
- **Unit 9:** Apply reading strategies of classifying, references, and predictions, as well as write thank-you letters.

Language Arts 300	Unit 1: Vowels, Main Idea, Capitalization	
	Assignments	
	1. Course Overview	12. Grammar: Complete Sentences; Capitalization
	2. Language Arts Symbols	13. Quiz 3
	3. Spelling with Short Vowels	14. Grammar: Punctuation
	4. Quiz 1	15. Spelling with Silent Letters
	5. Spelling Quiz 1	16. Quiz 4
	6. Reading to Find the Main Idea	17. Spelling Quiz 3
	7. Project: Book Report*	18. Special Project*
	8. Project: Learning a New Language*	19. Review Game
	9. Spelling with Short Vowels	20. Test
	10. Quiz 2	21. Alternate Test*
	11. Spelling Quiz 2	22. Reference

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Language Arts 300

Unit 2: Sentences, Capitalization, ABC Order

Assignments

1. Grammar: Sentence Sense; Capital Letters (1)
2. Project: Book Report—Poetry*
3. Spelling with Long Vowels
4. Quiz 1
5. Spelling Quiz 1
6. Grammar: Capital Letters (2)
7. Reading Comprehension
8. Spelling Words That Sound or Look Alike
9. Quiz 2
10. Spelling Quiz 2
11. Grammar: Alphabetical Order
12. Spelling with Silent E
13. Quiz 3
14. Spelling Quiz 3
15. Spelling with Vowel Pairs
16. Writing a Story
17. Quiz 4
18. Spelling Quiz 4
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

Language Arts 300

Unit 3: Dictionary Skills, Word Parts, Vocabulary

Assignments

1. Grammar: Using the Dictionary
2. Project: Making Your Own Dictionary*
3. Grammar: Capital Letters (1)
4. Spelling with r-Controlled Vowels
5. Quiz 1
6. Spelling Quiz 1
7. Grammar: Word Parts (1)
8. Grammar: Word Parts (2)
9. Spelling with ar
10. Quiz 2
11. Spelling Quiz 2
12. Grammar: Antonyms
13. Reading: Vocabulary
14. Project: Book Report--Folk Tales*
15. Spelling Antonym Pairs
16. Quiz 3
17. Spelling Quiz 3
18. Grammar: Capital Letters (2)
19. Grammar: Synonyms
20. Project: Writing a Story about Pets*
21. Spelling with or
22. Quiz 4
23. Spelling Quiz Four
24. Special Project*
25. Review Game
26. Test
27. Alternate Test*
28. Reference

Language Arts 300

Unit 4: Parts Of Speech, Irregular Vowels, Comprehension

Assignments

1. Grammar: Nouns
2. Grammar: Adjectives
3. Spelling Words with Irregular Vowel Sounds
4. Quiz 1
5. Spelling Quiz 1
6. Grammar: Verbs
7. Grammar: Adverbs
8. Spelling with w-controlled Vowels
9. Quiz 2
10. Spelling Quiz 2
11. Grammar: Punctuation Marks
12. Grammar: Using Capital Letters
13. Grammar: Using the Dictionary
14. Quiz 3
15. Grammar: Reviewing Words and Word Parts
16. Reading: A Big Surprise
17. Project: Gideon Today
18. Project: Book Report: Biography*
19. Spelling with y as a Vowel
20. Quiz 4
21. Spelling Quiz 3
22. Special Project*
23. Review Game
24. Test
25. Alternate Test*
26. Reference

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Language Arts 300

Unit 5: Reading to Understand, Commas, Silent Letters

Assignments

1. Reading (1)
2. Grammar: Review
3. Project: Vowels*
4. Spelling with Different Vowel Sounds
5. Quiz 1
6. Spelling Quiz 1
7. Reading: Comprehension
8. Reading: Story Elements
9. Project: Book Report--Animal Stories*
10. Spelling with Silent gh
11. Quiz 2
12. Spelling Quiz 2
13. Grammar: Reviewing Capital Letters
14. Grammar: Punctuation Marks
15. Spelling with Suffixes
16. Quiz 3
17. Spelling Quiz 3
18. Special Project*
19. Review Game
20. Test
21. Alternate Test*
22. Reference

Language Arts 300

Unit 6: Cause and Effect, Homographs, Haiku Poetry

Assignments

1. Character/Main Idea/Details in a Parable
2. Spelling with -eer and -ion
3. Quiz 1
4. Spelling Quiz 1
5. Grammar: Capitalizing Titles; Using Commas
6. Spelling with the Letter G
7. Quiz 2
8. Spelling Quiz 2
9. Sequence/Cause and Effect/Responding to a Parable
10. Spelling Plurals or Words with -air
11. Quiz 3
12. Spelling Quiz 3
13. Reading: Haiku Poetry, Homographs
14. Project: Book Report--Haiku Poetry*
15. Project: Haiku Poetry
16. Spelling with -ei and -ie
17. Quiz 4
18. Spelling Quiz 4
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

Language Arts 300

Unit 7: Following Directions, Suffixes, Pronouns, Friendly Letters

Assignments

1. Reading for Main Idea
2. Grammar: Noun Review
3. Grammar: Singular and Plural Nouns (1)
4. Grammar: Singular and Plural Nouns (2)
5. Extra Practice: Singular and Plural Nouns*
6. Spelling Compound Words
7. Quiz 1
8. Spelling Quiz 1
9. Reading: Follow Directions/ Fact or Fiction
10. Project: Following Directions*
11. Spelling with Suffixes (1)
12. Quiz 2
13. Spelling Quiz 2
14. Grammar: Pronouns
15. Grammar: Suffixes -er, -est
16. Spelling with Suffixes (2)
17. Quiz 3
18. Spelling Quiz 3
19. Composition: Friendly Letters
20. Essay: Writing a Friendly Letter
21. Spelling General Words
22. Quiz 4
23. Spelling Quiz Four
24. Special Project*
25. Review Game
26. Test
27. Alternate Test*
28. Reference

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Language Arts 300

Unit 8: Reading a Play, Comparing with Adjectives, Root Words

Assignments

1. Reading for Sequence
2. Grammar: Adjective Review
3. Spelling with -le
4. Quiz 1
5. Spelling Quiz 1
6. Reading for Details
7. Grammar: Comparing with Adjectives (1)
8. Grammar: Comparing with Adjectives (2)
9. Extra Practice: Comparing with Adjectives*
10. Spelling Compound Words
11. Quiz 2
12. Spelling Quiz 2
13. Reading a Play
14. Grammar: Action Verbs
15. Grammar: State-of-Being Verbs
16. Spelling Root Words
17. Quiz 3
18. Spelling Quiz 3
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

Language Arts 300

Unit 9: Classifying, References, Thank-You Letters, Predicting Outcomes

Assignments

1. Reading to Classify
2. Grammar: Adverbs
3. Spelling with Prefixes
4. Quiz 1
5. Spelling Quiz 1
6. Reading for Information
7. Project: Book Report—Nonfiction*
8. Composition: Thank-you Letters
9. Project: Writing a Thank-you Letter
10. Spelling with Suffixes
11. Quiz 2
12. Spelling Quiz 2
13. Reading to Predict Outcome
14. Using Reference Books
15. Spelling with the Suffix -teen
16. Quiz 3
17. Spelling Quiz 3
18. Special Project*
19. Review Game
20. Test
21. Alternate Test*
22. Reference

Language Arts 300

Unit 10: Review

Assignments

1. Reading: Sequence and Context Clues
2. Grammar: Vowels
3. Grammar: Using Sentences Correctly
4. Quiz 1
5. Grammar: Punctuation
6. Grammar: Capitalizing Words
7. Quiz 2
8. Reading: Main Ideas; Cause and Effect
9. Grammar: Parts of Speech Review
10. Composition: Writing Letters
11. Project: Writing Letters
12. Quiz 3
13. Reading Fiction and Nonfiction
14. Project: Book Report--Historical Fiction*
15. Grammar: Alphabetical Order
16. Project: Writing Paragraphs
17. Quiz 4
18. Special Project*
19. Review Game
20. Test
21. Alternate Test*
22. Reference

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Language Arts 400

Language Arts 400 focuses on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Unit 1:** Apply skills for reading fluency and writing a report.
- **Unit 2:** Read for meaning in instructions, poetry, and fictional stories.
- **Unit 3:** Identify word parts and types such as prefixes, suffixes, synonyms, and antonyms.
- **Unit 4:** Identify parts of speech and types of sentences.
- **Unit 5:** Use reading strategies to understand a passage and write cohesive paragraphs.
- **Unit 6:** Explain characteristics of strong poetry and research-based reports.
- **Unit 7:** Differentiate forms of literature including fables, tall tales, and biographies.
- **Unit 8:** Analyze literature for language use.
- **Unit 9:** Plan, organize, and write a research-based report.

Language Arts 400	Unit 1: Reading and Writing	
	Assignments	
	1. Course Overview	14. Quiz 3
	2. Joey and the Sad Tree (Part One)	15. Spelling Quiz Three
	3. Sources of English Words	16. Writing a Report
	4. Spelling Lesson 1	17. Essay: Outline and Report
	5. Quiz 1	18. Spelling Lesson 4: Vowel Combinations
	6. Spelling Quiz One	19. Quiz 4
	7. Joey and the Sad Tree (Part Two)	20. Spelling Quiz Four
	8. Reading Fluency	21. Special Project*
	9. Spelling Lesson 2: R-controlled Vowels	22. Review Game
	10. Quiz 2	23. Test
	11. Spelling Quiz Two	24. Alternate Test*
	12. Study Skills	25. Reference
	13. Spelling Lesson 3: The Vowel O	

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Language Arts 400

Unit 2: Reading for Meaning

Assignments

1. Kippy the Kiwi
2. Essay: Envying Others
3. Sound Study
4. Following Instructions
5. Spelling Lesson 1: Suffixes
6. Quiz 1
7. Spelling Quiz One
8. Greedy, Selfish, and Honor
9. Dictionary Skills
10. Spelling Lesson 2
11. Quiz 2
12. Spelling Quiz Two
13. Haiku Poems
14. Haiku Poetry Composition
15. Project: Book Report--Haiku Poetry*
16. Spelling Lesson 3: Suffixes
17. Quiz 3
18. Spelling Quiz Three
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

Language Arts 400

Unit 3: Word Play

Assignments

1. Why William Was Thankful
2. Root Words, Prefixes and Suffixes (1)
3. Root Words, Prefixes and Suffixes (2)
4. Spelling Lesson 1
5. Quiz 1
6. Spelling Quiz One
7. Candy Bars
8. Homonyms
9. Spelling Lesson 2: Homonyms
10. Quiz 2
11. Spelling Quiz Two
12. Poetic Expressions
13. Synonyms and Antonyms
14. Spelling Lesson 3: Synonyms
15. Quiz 3
16. Spelling Quiz Three
17. More About Poetry
18. Project: Book Report—Poetry*
19. Spelling Lesson 4: Antonyms
20. Quiz 4
21. Spelling Quiz Four
22. Special Project*
23. Review Game
24. Test
25. Alternate Test*
26. Reference

Language Arts 400

Unit 4: Words in Season

Assignments

1. Heidi
2. Nouns and Verbs
3. Adjectives
4. Adjectives That Compare
5. Possessive Words
6. Spelling Lesson 1: Possessive Pronouns
7. Quiz 1
8. Spelling Quiz One
9. Fiction and Nonfiction
10. Project: Book Report—Fiction*
11. Kinds of Sentences
12. Spelling Lesson 2: Suffixes
13. Quiz 2
14. Spelling Quiz Two
15. Following Directions; Writing Invitations
16. Adverbs
17. Spelling Lesson 3: Adverbs
18. Quiz 3
19. Spelling Quiz Three
20. Writing Study Notes
21. Subject-Verb Agreement; Verb Tense
22. Spelling Lesson 4
23. Quiz 4
24. Spelling Quiz Four
25. Special Project*
26. Review Game
27. Test
28. Alternate Test*
29. Reference

Language Arts 400

Unit 5: Reading and Writing Stories

Assignments

1. Reading Skills (1)
2. Paragraphs
15. Quiz 3
16. Spelling Quiz Three

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3. Essay: Writing Paragraphs
4. Spelling Lesson 1: Prefixes
5. Quiz 1
6. Spelling Quiz One
7. Reading Skills (2)
8. Capital Letters
9. Spelling Lesson 2: Contractions
10. Quiz 2
11. Spelling Quiz Two
12. The Hobby of Stamp Collecting
13. Punctuation Marks
14. Spelling Lesson 3: Prefixes
17. Writing Stories
18. Essay: Writing a Story
19. Spelling Lesson 4: Silent Letters and Unusual Vowels
20. Quiz 4
21. Spelling Quiz Four
22. Special Project*
23. Review Game
24. Test
25. Alternate Test*
26. Reference

Language Arts 400

Unit 6: Rhymes and Reports

Assignments

1. Fact and Opinion
2. Book Reports
3. Essay: Writing a Summary
4. Project: Book Report: Nonfiction*
5. Spelling Lesson 1: Months and Abbreviations
6. Quiz 1
7. Spelling Quiz One
8. Following Directions in Parables and Fables
9. Essay: Paraphrasing Parables
10. Spelling Lesson 2: Suffixes
11. Quiz 2
12. Spelling Quiz Two
13. Poetry Review
14. Characteristics of Poetry
15. Analyzing Poetry
16. Essay: Four Line Poem
17. Spelling Lesson 3: Days of the Week; Hyphenated Words
18. Quiz 3
19. Spelling Quiz Three
20. Special Project*
21. Review Game
22. Test
23. Alternate Test*
24. Reference

Language Arts 400

Unit 7: Forms of Literature

Assignments

1. Biography
2. Project: Book Report—Biography*
3. Exploring Nouns
4. Exploring Singular and Plural Nouns
5. Spelling Lesson 1: Two-Syllable Words
6. Quiz 1
7. Spelling Quiz One
8. Fables
9. Essay: Writing a Fable
10. Exploring Verbs
11. Spelling Lesson 2: Words with Open Syllables
12. Quiz 2
13. Spelling Quiz Two
14. Tall Tales
15. Essay: Tall Tale
16. Project: Book Report: Folk Tales*
17. Exploring Verbs (2)
18. Spelling Lesson 3: More Words With Two Syllables
19. Quiz 3
20. Spelling Quiz Three
21. Special Project*
22. Review Game
23. Test
24. Alternate Test*
25. Reference

Language Arts 400

Unit 8: Language in Literature

Assignments

1. Reading (1)--On the Farm
2. Adjectives
3. Spelling Lesson 1: CVR/VC Words
4. Quiz 1
5. Spelling Quiz One
6. Reading: The Power of God's Word
7. Adjectives That Compare
14. Figurative Language
15. Paragraph Writing
16. Essay: Narrative Writing
17. Essay: Descriptive Paragraph*
18. Spelling Lesson 3: Silent Letters; Compound Words with Suffixes
19. Quiz 3

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	8.	Adverbs	20.	Spelling Quiz Three
	9.	Spelling Lesson 2: Words with Digraphs	21.	Special Project*
	10.	Quiz 2	22.	Review Game
	11.	Spelling Quiz Two	23.	Test
	12.	Reading: The Early Olympic Games	24.	Alternate Test*
	13.	Essay: The Olympic Games*	25.	Reference

	Unit 9: Reading and Researching			
	Assignments			
Language Arts 400	1.	Reasons for Reading	15.	Finding Information
	2.	Reading Skills (1)	16.	Taking Notes and Making an Outline
	3.	Project: The Navajo*	17.	Project: Report Part One
	4.	Spelling Lesson 1: Words that End with -le	18.	Writing a Report
	5.	Quiz 1	19.	Project: Report Part Two
	6.	Spelling Quiz One	20.	Project: Report Part Three
	7.	A Little Salt, Please	21.	Spelling Lesson 3: Prefixes and Suffixes
	8.	Reading Skills (2)	22.	Quiz 3
	9.	Project: Salt in the Bible*	23.	Spelling Quiz Three
	10.	Project: Book Report--Historical Fiction*	24.	Special Project*
	11.	Spelling Lesson 2: Two Syllable Words	25.	Review Game
	12.	Quiz 2	26.	Test
	13.	Spelling Quiz Two	27.	Alternate Test*
	14.	Planning a Report	28.	Reference

	Unit 10: Review			
	Assignments			
Language Arts 400	1.	Lost (Parts One and Two)	12.	Quiz 3
	2.	Thinking About What You Read	13.	Essay: Narrative or Descriptive Writing Review
	3.	Quiz 1	14.	Essay: Writing a Letter Review*
	4.	Using a Dictionary	15.	Report: Book Report*
	5.	Working with Nouns, Adjectives, and Adverbs	16.	Report: Writing a Report Review*
	6.	Verbs of Action or Being	17.	Special Project*
	7.	Word Parts and Word Play	18.	Review Game
	8.	Punctuating Correctly	19.	Test
	9.	Quiz 2	20.	Alternate Test*
	10.	Study Skills and Note Taking	21.	Reference
	11.	Recognizing Literary Forms		

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Language Arts 500

Language Arts 500 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Unit 1:** Understanding main ideas and the author's message through vocabulary.
- **Unit 2:** Reading stories and poetry to review comprehension skills, mood, and compound words.
- **Unit 3:** Exploring parts of speech and language including prefixes, suffixes, homonyms, and idioms.
- **Unit 4:** Applying strategies for effective communication in writing and speech.
- **Unit 5:** Reading and writing stories efficiently including use of dialogue.
- **Unit 6:** Identifying characteristics of different types of poetry.
- **Unit 7:** Exploring reading passages and applying knowledge of story parts and language.
- **Unit 8:** Using language effectively to describe and compare.
- **Unit 9:** Planning, drafting, and editing a research-based report.

Language Arts 500	Unit 1: Jesus, Our Example			
	Assignments			
	1.	Course Overview	12.	Essay: Using Spelling Words*
	2.	The Author's Message	13.	Spelling Quiz 2
	3.	Project: Finding the Topic	14.	Communicating with Handwriting
	4.	Vowel Diphthong Design	15.	Spelling Lesson 3: Silent e
	5.	Spelling Lesson 1: Vowel Diphthongs	16.	Quiz 3
	6.	Quiz 1	17.	Spelling Quiz 3
	7.	Spelling Quiz 1	18.	Special Project*
	8.	Narrative Elements	19.	Review Game
	9.	Vocabulary Study: Dictionary Respellings	20.	Test
	10.	Spelling Lesson 2: Vowel Digraphs	21.	Alternate Test*
	11.	Quiz 2	22.	Reference

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Language Arts 500

Unit 2: Working with Information

Assignments

1. The Author of the Story
2. Reading an Excerpt: CALL IT COURAGE
3. Project: Outline - The Polynesian People*
4. Compound Words and Hyphens
5. Spelling Lesson 1: Compound Words
6. Quiz 1
7. Spelling Quiz 1
8. Finding Main Ideas (1)
9. Finding Main Ideas (2)
10. Spelling Lesson 2: Spelling Troublemakers
11. Quiz 2
12. Spelling Quiz 2
13. Mood
14. Poetry
15. Contractions
16. Spelling Lesson 3: Contractions
17. Quiz 3
18. Spelling Quiz 3
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

Language Arts 500

Unit 3: The Story of Our Language

Assignments

1. In the Beginning
2. Word Study
3. Spelling Lesson 1: Words with Many Syllables
4. Quiz 1
5. Quiz: Spelling 1
6. Abused Language in the Garden
7. Prefixes and Suffixes
8. Phrases, Adjectives, and Adverbs
9. Spelling Lesson 2: Silent Letters
10. Quiz 2
11. Quiz: Spelling 2
12. Anglo-Saxon Literature; Author's Purpose
13. Middle and Modern English
14. Homonyms, Idioms, and Abbreviations
15. Essay: Descriptive Story
16. Spelling Lesson 3: Antonyms
17. Quiz 3
18. Quiz: Spelling 3
19. Project: Book Report—Nonfiction*
20. Special Project*
21. Review Game
22. Test
23. Alternate Test*
24. Reference

Language Arts 500

Unit 4: Effective Communication

Assignments

1. Main Idea and Supporting Details
2. Sentence Patterns; Speaking Courteously
3. Spelling Lesson 1: Silent Letters
4. Quiz 1
5. Spelling Quiz 1
6. Sensible Sentences
7. Essay: Pollution
8. Reading Skills
9. Spelling Lesson 2: Same Sounds, Different Letters
10. Quiz 2
11. Spelling Quiz 2
12. Essay: Robin Hood
13. The Written Report (1)
14. Project: Taking Notes
15. The Written Report (2)
16. Project: Outline
17. Essay: Report
18. Spelling Lesson 3: Homonyms
19. Quiz 3
20. Spelling Quiz 3
21. Special Project*
22. Review Game
23. Test
24. Alternate Test*
25. Reference

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Language Arts 500

Unit 5: Reading and Writing Stories

Assignments

1. Reading a Story
2. Essay: Writing a Summary
3. Judging the Value of a Story
4. Project: Book Report--Historical Fiction*
5. Spelling Lesson 1: Suffixes
6. Quiz 1
7. Spelling Quiz 1
8. Mastering Dialogue
9. Project: Making Conversation
10. Project: Seed Ideas*
11. Writing Better Sentences
12. Spelling Lesson 2: Ordinal Numbers; Suffix -ism
13. Quiz 2
14. Spelling Quiz 2
15. Story Writing
16. Essay: Short Story
17. Spelling Lesson 3: Prefixes
18. Quiz 3
19. Spelling Quiz 3
20. Special Project*
21. Review Game
22. Test
23. Alternate Test*
24. Reference

Language Arts 500

Unit 6: Poetry

Assignments

1. Reading Story Poems
2. Enjoying Poetry
3. Project: Working with Rhythm
4. Spelling Lesson 1: Suffixes
5. Quiz 1
6. Spelling Quiz 1
7. Reading Humorous Poems
8. Playing with Words
9. Project: Book Report—Poetry*
10. Spelling Lesson 2: Suffixes
11. Quiz 2
12. Spelling Quiz 2
13. Reading Inspirational Poems
14. Poetic Ideas and Devices
15. Writing Poetry
16. Project: Pen Pictures and Couplets
17. Project: Free Verse Prayer
18. Project: Poetry Book*
19. Spelling Lesson 3: Plurals
20. Quiz 3
21. Spelling Quiz 3
22. Special Project*
23. Review Game
24. Test
25. Alternate Test*
26. Reference

Language Arts 500

Unit 7: Reading Comprehension

Assignments

1. Cause and Effect
2. From GULLIVER'S TRAVELS
3. Essay: Land of Lilliput
4. Spelling Lesson 1: Homonyms
5. Quiz 1
6. Spelling Project: Homonyms
7. Spelling Quiz 1
8. Reviewing Nouns
9. Singular and Plural Nouns
10. Possessive Nouns; Uses of Nouns (Case)
11. Noun Substitutes
12. Spelling Lesson 2: Words with /sh/
13. Quiz 2
14. Spelling Quiz 2
15. Judgments, Inferences, Facts, and Opinions
16. The Story of Marc
17. Spelling Lesson 3: Words with /aw/
18. Quiz 3
19. Spelling Quiz 3
20. Adjectives (1)
21. Project: Using Adjectives*
22. Adjectives (2)
23. Spelling Lesson 4: Unexpected Spellings
24. Quiz 4
25. Spelling Quiz 4
26. Special Project*
27. Review Game
28. Test
29. Alternate Test*
30. Reference

Language Arts 500

Unit 8: Working With Words

Assignments

1. Main Verbs
2. Verb Forms
15. Aesop and Fables
16. Essay: Fable Rewrite

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3. Subject/Verb Agreement; Contractions
4. Participles
5. Spelling Lesson 1: Suffix -ure
6. Quiz 1
7. Spelling Quiz 1
8. Modifying with Adverbs
9. Changing Adjectives into Adverbs
10. Extra Practice: Using Adverbs in Writing*
11. Showing Comparisons
12. Spelling Lesson 2: Suffixes -age, -ion
13. Quiz 2
14. Spelling Quiz 2
17. Project: Retelling Fables*
18. Parables-Stories Jesus Told
19. Project: Parables*
20. Spelling Lesson 3: Suffixes -al, -ial, -ual
21. Quiz 3
22. Spelling Quiz 3
23. Special Project*
24. Review Game
25. Test
26. Alternate Test*
27. Reference

Language Arts 500

Unit 9: Reading and Study Skills

Assignments

1. Improving Reading Fluency and Study Skills
2. A Story About Old England
3. Spelling Lesson 1: Using Syllable to Help You Spell
4. Quiz 1
5. Spelling Quiz 1
6. Using Graphic Aids; Outlining
7. A Story About Esther
8. Report: Summary of Esther
9. Project: Book Report—Biography*
10. Spelling Lesson 2: Sight Words
11. Quiz 2
12. Spelling Quiz 2
13. Reviewing Literary Forms
14. Recognizing Facts and Opinions in a Report
15. Project: Facts and Opinions Report
16. Report: Facts and Opinions
17. Spelling Lesson 3: Homonyms with Long /e/
18. Quiz 3
19. Spelling Quiz 3
20. Special Project*
21. Review Game
22. Test
23. Alternate Test*
24. Reference

Language Arts 500

Unit 10: Review

Assignments

1. Literature
2. Project: Book Report—Fiction*
3. Project: Composition Folder*
4. Poetry
5. Project: Poetry Project
6. Using Nouns and Adjectives
7. Writing a Short Story
8. Essay: Short Story
9. Quiz 1
10. Reading Comprehension
11. Using Word Study Skills
12. Using Verbs
13. Using Adverbs
14. Quiz 2
15. Reading and Bible Study Skills
16. Types of Sentences
17. Essay: Dialogue
18. Essay: Personal Reaction
19. Quiz 3
20. Special Project*
21. Review Game
22. Test
23. Alternate Test*
24. Reference

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Language Arts 600

Language Arts 600 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Unit 1:** Differentiate and identify common parts of speech.
- **Unit 2:** Use efficient grammar including punctuation, diction, capitalization, and syntax.
- **Unit 3:** Analyze something read to find vocabulary, relationships, and comparisons with context.
- **Unit 4:** Write accurately in different forms including letters and use of outside research.
- **Unit 5:** Recognize propaganda, facts, and opinions in news stories.
- **Unit 6:** Identify different forms of literature in both fiction and nonfiction.
- **Unit 7:** Establish a purpose for reading a passage and adjust reading strategies accordingly.
- **Unit 8:** Differentiate and write different forms of poetry using figurative language.
- **Unit 9:** Link bible stories and passages to different forms of traditional literature.

Language Arts 600	Unit 1: Elements of Grammar	
	Assignments	
	1. Course Overview	14. Spelling Lesson 3
	2. The Sentence	15. Quiz 3
	3. Sentence Types	16. Spelling Quiz 3
	4. Spelling Lesson 1	17. Pronouns
	5. Quiz 1	18. Prepositions
	6. Spelling Quiz 1	19. Conjunctions and Interjections
	7 Nouns	20. Quiz 4
	8. Verbs	21. Special Project*
	9. Spelling Lesson 2	22. Review Game
	10. Quiz 2	23. Test
	11. Spelling Quiz 2	24. Alternate Test*
	12. Adjectives	25. Reference
	13. Adverbs	

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Language Arts 600

Unit 2: Grammar Usage

Assignments

1. Capitalization
2. Punctuation
3. Spelling Lesson 1
4. Quiz 1
5. Spelling Quiz 1
6. Word Parts
7. Word Parts: Exercises*
8. Synonyms, Antonyms, and Idioms
9. Spelling Lesson 2
10. Quiz 2
11. Spelling Quiz 2
12. Person and Number of Verbs
13. Principal Parts of Verbs
14. Using Auxiliary Verbs
15. Spelling Lesson 3
16. Quiz 3
17. Spelling Quiz 3
18. Using Adjectives and Adverbs
19. Fragments and Run-on Sentences
20. Quiz 4
21. Special Project*
22. Review Game
23. Test
24. Alternate Test*
25. Reference

Language Arts 600

Unit 3: Reading Skills

Assignments

1. Developing Reading Skills
2. Developing Vocabulary
3. Spelling Lesson 1: /sh/
4. Quiz 1
5. Spelling Quiz 1
6. Finding Relationships: Sequence/Cause and Effect
7. Comprehension: Distinguishing Fact from Opinion
8. Reading to Comprehend
9. Spelling Lesson 2: /sh/
10. Quiz 2
11. Spelling Quiz 2
12. Reading Critically
13. Project: Book Report: Short Story*
14. Analyzing Story Structure
15. Comparing and Contrasting Stories
16. Spelling Lesson 3: Homonyms
17. Quiz 3
18. Spelling Quiz 3
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

Language Arts 600

Unit 4: Writing Skills

Assignments

1. Paragraph Writing
2. Essay: Paragraph
3. Essay: Autobiography*
4. Business Letters
5. Project: Business Letter
6. Report Writing: Preparation
7. Spelling Lesson 1: Plurals
8. Quiz 1
9. Spelling Quiz 1
10. Report Writing: Researching
11. Project: Research--Taking Notes
12. Outlining
13. Project: Research--Outline
14. Spelling Lesson 2: -ing
15. Spelling Quiz 2
16. Writing the Report
17. Project: Research--Final Report
18. Spelling Lesson 3
19. Quiz 2
20. Spelling Quiz 3
21. Special Project*
22. Review Game
23. Test
24. Alternate Test*
25. Reference

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Language Arts 600

Unit 5: Newspapers and Propaganda

Assignments

1. The Newspaper
2. Fact and Opinion in News Reports
3. Report: Newspapers Today
4. Analyzing a News Story
5. Project: News Story
6. Spelling Lesson 1: Words That Sound Alike
7. Quiz 1
8. Spelling Quiz 1
9. Propaganda
10. Project: Advertisement
11. Spelling Lesson 2
12. Spelling Quiz 2
13. Recognizing Propaganda
14. Project: Propaganda
15. Spelling Lesson 3: Plurals, Homonyms, and the /sh/ Sound
16. Spelling Quiz 3
17. Quiz 2
18. Special Project*
19. Review Game
20. Test
21. Alternate Test*
22. Reference

Language Arts 600

Unit 6: Literary Forms

Assignments

1. Spelling Lesson 1
2. Spelling Quiz 1
3. Poetry
4. Types of Prose Fiction
5. Types of Prose Fiction (2)
6. Spelling Lesson 2
7. Quiz 1
8. Spelling Quiz 2
9. Prose Nonfiction
10. Project: Book Report: Biography*
11. Mood
12. Spelling Lesson 3
13. Quiz 2
14. Spelling Quiz 3
15. Special Project*
16. Review Game
17. Test
18. Alternate Test*
19. Reference

Language Arts 600

Unit 7: Reading for a Purpose

Assignments

1. Judging a Book
2. An Author's Use of Expressive Language
3. Spelling Lesson 1
4. Quiz 1
5. Spelling Quiz 1
6. Nonfiction Comprehension Practice
7. Nonfiction: Main Idea and Supporting Details
8. Project: Outline*
9. Report: Sheepherding
10. Spelling Lesson 2
11. Quiz 2
12. Spelling Quiz 2
13. Reading for Inspiration (1)
14. Reading for Inspiration (2)
15. Essay: Lambs in the Bible
16. Spelling Lesson 3: Suffixes and the /sh/ Sound
17. Quiz 3
18. Spelling Quiz 3
19. Project: Book Report: Novel*
20. Special Project*
21. Review Game
22. Test
23. Alternate Test*
24. Reference

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Language Arts 600

Unit 8: Poetry

Assignments

1. Characteristics of Poetry
2. Free Verse
3. Project: Youthfulness*
4. Spelling Lesson 1
5. Quiz 1
6. Spelling Quiz 1
7. Figures of Speech: Similes
8. Figures of Speech: Metaphors
9. Project: Metaphors
10. Poetic Devices
11. Essay: Invented Words
12. Spelling Lesson 2
13. Spelling Quiz 2
14. Poetic Forms (1)
15. Project: Pen Picture
16. Poetic Forms (2)
17. Project: Cinquain and Shaped Poems
18. Spelling Lesson 3
19. Quiz 2
20. Spelling Quiz 3
21. Musical Poems
22. Report: Lullabies
23. Word Play: Riddles/Conundrums
24. Limericks
25. Project: Limericks
26. Palindromes
27. Quiz 3
28. Special Project*
29. Review Game
30. Test
31. Alternate Test*
32. Reference

Language Arts 600

Unit 9: Bible Literature

Assignments

1. The Bible as Literature
2. A Bible Story
3. Project: Bible Stories*
4. Parables and Proverbs
5. Spelling Lesson 1
6. Quiz 1
7. Spelling Quiz 1
8. Bible Poetry
9. Project: Psalm 19
10. Prophetic Writing
11. Spelling Lesson 2
12. Quiz 2
13. Spelling Quiz 2
14. Bible History
15. Law
16. Spelling Lesson 3
17. Quiz 3
18. Spelling Quiz 3
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

Language Arts 600

Unit 10: Review

Assignments

1. Patterns in Language
2. Capitalization and Punctuation
3. Quiz 1
4. Organization in Literary Forms
5. Quiz 2
6. Project: Planning and Writing a Short Story
7. Literary Forms (1)
8. Project: Fish Story*
9. Literary Forms (2)
10. Quiz 3
11. Forms of Communication
12. Project: Advertising
13. Essay: The President's Thoughts*
14. Communication: Letters and Newspapers
15. Project: Newspaper*
16. Quiz 4
17. Special Project*
18. Review Game
19. Test
20. Alternate Test*
21. Reference

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Language Arts 700

Language Arts 700 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**–develops students' reading skills, including the identification of main ideas, supporting details, and sequence; teaches students how to reach logical conclusions as well as use appropriate reading rates; shows students how to identify parts of speech in sentences, with emphasis on adjectives, adverbs, conjunctions, pronouns, and verb types; helps students develop basic literary comprehension skills through the reading of biographical and autobiographical pieces, poetry, and character analyses.

- **Writing**–develops students' understanding of sentence structure, providing hands-on experience with coordination, conjunctions, subject-verb agreement, participles, and phrases; familiarizes students with roots, affixes, and basic word relationships, including homonyms, synonyms, and antonyms; develops students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing paragraphs, character analyses, character sketches, short biographies, and summaries; develops students' critical thinking skills through speculative writing on morality.

- **Speaking**–teaches skills that enable students to become effective speakers and communicators, weaving the skills together throughout the course.

- **Listening**–teaches effective listening comprehension skills, weaving these together throughout the lessons; builds upon students' study skills.

Language Arts 700

Unit 1: Nouns, Pronouns, Affixes, and Using Words Correctly

Assignments

1.	Course Overview	13.	Quiz 2: Using Pronouns
2.	Documentation	14.	Spelling Quiz 2
3.	Nouns As Labels; Related Nouns; Categories	15.	Using the Right Prefix
4.	Common and Proper Nouns	16.	Suffixes Change Spelling/Part of Speech
5.	Report: The Meaning of Names	17.	Using Mnemonic Devices for Homonyms
6.	Spelling Lesson 1: Content Words; ei and ie	18.	Spelling Lesson 3: Common Homonyms
7	Quiz 1: Using Nouns	19.	Quiz 3: Cumulative
8.	Spelling Quiz 1	20.	Spelling Quiz 3
9.	Personal Pronoun Case	21.	Unit 1 Special Project*
10.	Reflexive Pronouns; Archaic Pronouns	22.	Test
11.	Demonstratives; Pronoun-Antecedent Agreement	23.	Alternate Test*
12.	Spelling Lesson 2: General/Easily Confused Words	24.	Reference

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Language Arts 700

Unit 2: Usage; Speaking and Listening; Verb Tenses

Assignments

1. Speaking Expressively
2. Retelling a Story: Alfred the Great
3. Project: Story-telling
4. Report: Alfred the Great
5. Spelling Lesson 1: Multisyllable Words
6. Quiz 1: Speaking Expressively
7. Spelling Quiz 1
8. Adjusting Listening to Purpose
9. Essay: Listening
10. Spelling Lesson 2: Frequently Misspelled Words
11. Quiz 2: Speaking and Listening
12. Spelling Quiz 2
13. Verbs: Present Tense
14. Past Tense: Regular and Irregular Verbs
15. Auxiliary Verbs/Future Tense
16. Verbs: Perfect Tenses and Conjugation
17. Spelling Lesson 3: General Words
18. Quiz 3: Speaking/Listening; Verb Tenses
19. Spelling Quiz 3
20. Book Report: Novel*
21. Unit 2 Special Project*
22. Test
23. Alternate Test*
24. Reference

Language Arts 700

Unit 3: Biographies and Grammar (Affixes)

Assignments

1. Biography: William Tyndale
2. Sequence of Events
3. Essay: Special Day*
4. Flashback and Inferences in Biography
5. Project: Biography
6. Book Report: Biography*
7. Spelling Lesson 1: General/ -le and -el
8. Quiz 1: Biographies/Sequence of Events
9. Spelling Quiz 1
10. Prefixes: Finding
11. Prefixes: Meanings
12. Suffixes: Finding
13. Meaning of Suffixes/Parts of Speech
14. Prefixes and Suffixes
15. Spelling Lesson 2: Words with Affixes
16. Quiz 2: Affixes, Biography, Sequence
17. Spelling Quiz 2
18. Unit 3 Special Project*
19. Test
20. Alternate Test*
21. Reference

Language Arts 700

Unit 4: Structure of Written and Spoken Language

Assignments

1. Structure: Subject and Predicate
2. Patterns: Inverted, Compound Parts, S/V/DO
3. Patterns: S/LV/PN, S/LV/PA, S/V/IO/DO
4. Essay: Using Sentence Patterns
5. Spelling Lesson 1: Content Area Words
6. Quiz 1: Sentence Structure and Patterns
7. Spelling Quiz 1
8. Writing Complete Sentences
9. Structure; Word Choice; Ambiguity
10. Effective Sentences: Vivid Modifiers
11. Spelling Lesson 2: General
12. Quiz 2: Sentence Structure and Variety
13. Spelling Quiz 2
14. Pitch/Accent/Pause
15. Punctuating Pauses
16. Spelling Lesson 3: General
17. Quiz 3: Cumulative
18. Spelling Quiz 3
19. Unit 4 Special Project*
20. Test
21. Alternate Test*
22. Reference

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Language Arts 700

Unit 5: The English Language

Assignments

1. Words That Signal Types of Organization
2. Words That Express Feelings
3. Essay: Words for Feelings
4. Spelling Lesson 1: Using y and ou
5. Quiz 1: Signal Words and Words for Feelings
6. Spelling Quiz 1
7. Formal, Informal, Nonstandard English
8. Smooth and Clear Expression
9. Essay: Informal/Formal English
10. Spelling Lesson 2: Homonyms
11. Quiz 2 Cumulative
12. Spelling Quiz 2
13. Subject-Verb Agreement in Number
14. Form of Action Verbs
15. Verb Tense: Past and Present
16. Direct Object
17. Verbs Often Confused: Lie/Lay
18. Verbs Often Confused: Sit/Set
19. Verbs Often Confused: Rise/Raise
20. Verbs Often Confused: Review
21. Pronouns Often Confused
22. Spelling Lesson 3: Past Tense Verbs
23. Quiz 3: Cumulative
24. Spelling Quiz 3
25. Unit 5 Special Project*
26. Test
27. Alternate Test*
28. Reference

Language Arts 700

Unit 6: Mechanics and Structure of English

Assignments

1. Capital Letters 1
2. Capital Letters 2
3. Spelling Lesson 1: Adjectives and Adverbs
4. Quiz 1: Capitalization
5. Spelling Quiz 1
6. Apostrophe
7. Quotation Marks
8. Parentheses/Hyphen
9. Comma
10. Punctuation Review
11. Essay: Importance of Language Mechanics
12. Spelling Lesson 2: Special Types of Words
13. Quiz 2: Capitals and Punctuation
14. Spelling Quiz 2
15. Subjects and Predicates
16. Complements
17. Adjectives
18. Adverbs
19. Prepositional Phrases as Modifiers
20. Quiz 3: Structure and Mechanics
21. Coordination
22. Spelling Lesson 3: General Words
23. Quiz 4: Cumulative
24. Spelling Quiz 3
25. Unit 6 Special Project*
26. Test
27. Alternate Test*
28. Reference

Language Arts 700

Unit 7: The Hiding Place: A Study Guide

Assignments

1. Chapters 1-3: Flashback/Foreshadowing
2. Chapters 4-5: Reading for Details
3. Understanding Characters
4. Essay: Occupied
5. Report: World War II*
6. Report: Dietrich Bonhoeffer*
7. Spelling Lesson 1: Noun Suffixes
8. Quiz 1: The Hiding Place, chapters 1-5
9. Spelling Quiz 1
10. Chapters 6-7: Comprehension
11. Chapter 8-9: Suspense
12. Interpretation and Communication
13. Essay: Pickwick
14. Spelling Lesson 2: Verb Suffixes
15. Quiz 2: The Hiding Place, chapters 6-9
16. Spelling Quiz 2
17. Chapter 10: Sequence
18. Chapters 11-13: Reading for Details
19. Chapters 14-15: Understand Characters
20. Author's Purpose/Modes of Writing
21. Essay: Character Sketch
22. Spelling Lesson 3: Noun Suffixes
23. Quiz 3: The Hiding Place, chapters 10-15
24. Spelling Quiz 3
25. Unit 7 Special Project*
26. Test
27. Alternate Test*
28. Reference

Language Arts 700

Unit 8: Nonfiction and Communication

Assignments

1. Nonfiction Literature: Helen Keller
2. Nonfiction Literature: The Apple Tree Switch
11. Spelling Quiz 2
12. Communicating with Gestures

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3. Spelling Lesson 1: General
4. Quiz 1: Nonfiction
5. Spelling Quiz 1
6. Learning to Listen Review
7. Note-taking and Summarizing
8. Essay: Summary
9. Spelling Lesson 2: General
10. Quiz 2: Listening, Summarizing, and Nonfiction
13. Spelling Lesson 3: General
14. Quiz 3: Speaking with Gestures
15. Spelling Quiz 3
16. Unit 8 Special Project*
17. Test
18. Alternate Test*
19. Reference

Language Arts 700

Unit 9: Writing and Pronunciation

Assignments

1. Sentence Types: Introduction
2. Sentence Types: Declarative/Interrogative
3. Sentence Types: Imperative/Exclamatory
4. Sentence Errors: Fragments
5. Sentence Errors: Comma Splice/Run-on
6. Spelling Lesson 1: General and Content Area Words
7. Quiz 1: Correct Sentences
8. Spelling Quiz 1
9. Paragraph Format/Topic Sentence
10. Paragraph Unity and Sequence
11. Deductive/Inductive/Transitional Paragraphs
12. Essay: Paragraph Practice
13. Project: Paragraph Self Check
14. Spelling Lesson 2: Noun and Adjective Suffixes
15. Quiz 2: Writing Paragraphs and Mechanics
16. Spelling Quiz 2
17. Pronunciation
18. Regional Differences in Pronunciation
19. Words in Reading/Nonsense Words
20. Essay: A Nonsense Poet
21. Project: Limericks
22. Spelling Lesson 3: Words Often Mispronounced
23. Quiz 3: Cumulative
24. Spelling Quiz 3
25. Unit 9 Special Project*
26. Test
27. Alternate Test*
28. Reference

Language Arts 700

Unit 10: Review

Assignments

1. Verb Tense
2. Verb Agreement and Confusion
3. Nouns and Pronouns
4. Reflexive and Demonstrative Pronouns; Pronoun-Antecedent Agreement
5. Adjectives/Adverbs
6. Prepositional Phrases
7. Sentence Patterns and Types
8. Spelling Review Lessons 1 and 2
9. Review Quiz 1
10. Spelling Quiz 1
11. Capitalization
12. Apostrophe
13. Quotation Marks/Parentheses
14. Hyphens/Commas
16. Project: Punctuation Practice
17. Spelling Review Lessons 3 and 4
18. Review Quiz 2
19. Spelling Quiz 2
20. Communication: Writing and Reading
21. Book Report: Short Story*
22. Communication: Speaking and Listening
23. Project: Autobiography*
24. Spelling Review Lessons 5 and 6
25. Review Quiz 3
26. Spelling Quiz 3
27. Unit 10 Special Project*
28. Test
29. Alternate Test*
30. Reference

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Language Arts 800

Language Arts 800 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**–reinforces reading comprehension skills by teaching students how to analyze propaganda and other forms of writing, including biographies, autobiographies, formal essays, and informal essays; shows students how to make denotative, symbolic, and connotative readings of a text; introduces both Old English and Middle English languages and literature to develop students' understanding of English language formation and development; prepares students for the higher level literary comprehension skills required in the upper grades.

- **Writing**–develops students' understanding of sentence structure, providing hands-on experience with conjunctions, transitions, clauses, and common sentence errors; teaches language histories and etymologies to help students build on knowledge of word structures, including topics like prefixes, roots, and suffixes; expands on students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing business letters, friendly letters, informal essays, and basic literature analyses.

- **Speaking**–offers students experience in delivering oral reports; teaches skills that enable students to become effective speakers and communicators, weaving these skills together throughout the course.

- **Listening**–teaches effective listening comprehension skills, weaving these together throughout the lessons; builds upon students' study skills, as well as helping them become reliable and efficient note takers.

Language Arts 800	Unit 1: Communication	
	Assignments	
	1. Course Overview	15. Suffixes Change the Spelling of Roots
	2. Documentation	16. Spelling Lesson 2: General
	3. Improving Your Reading: Using Word Parts	17. Quiz 2: Cumulative
	4. Inflections Add Grammatical Meaning	18. Spelling Quiz 2
	5. Word Roots from Latin and Greek	19. Communication Without Words
	6. Categorizing Words and Analogies	20. Direct Nonverbal Communication
	7. Book Report: Pre-1900 Novel*	21. Spelling Lesson 3: Affixes
	8. Spelling Lesson 1: Using ie and ei	22. Quiz 3: Communicating Without Words
	9. Quiz 1: Word Parts/Categories/Analogies	23. Spelling Quiz 3
	10. Spelling Quiz 1	24. Unit 1 Special Project*
	11. Following Directions	25. Test
	12. Project: Directions*	26. Alternate Test*
	13. Project: Writing Directions from a Prompt*	27. Reference
	14. Essay: Write a Technical Document Giving Directions	

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Language Arts 800

Unit 2: Development and Usage of English

Assignments

1. Development of Language: Origins and Dialects
2. The Indo-European Family
3. Spelling Lesson 1: General/Content Area
4. Quiz 1: History of the English Language
5. Spelling Quiz 1
6. Word Classes--Nouns
7. Personal and Possessive Pronouns
8. Other Kinds of Pronouns
9. Verbs
10. Adjectives and Adverbs
11. Project: Descriptive Paragraph
12. Essay: Writing About an Event
13. Spelling Lesson 2: General
14. Quiz 2: Classification of Words
15. Spelling Quiz 2
16. Adjectives and Adjective Phrases
17. Adverbs and Adverb Phrases
18. Book Report: Short Story*
19. Spelling Lesson 3: Adjectives and Adverbs
20. Quiz 3: Cumulative
21. Spelling Quiz 3
22. Unit 2 Special Project*
23. Test
24. Alternate Test*
25. Reference

Language Arts 800

Unit 3: Punctuation and Literature

Assignments

1. Ending a Thought: End Punctuation
2. Using Punctuation to Link Clauses
3. Interrupting a Thought
4. Following an Introduction
5. Spelling Lesson 1: -ant and -ent Endings
6. Quiz 1: Punctuation
7. Spelling Quiz 1
8. The Formal Essay
9. Analyzing a Formal Essay
10. Project: Analysis of an Essay
11. Spelling Lesson 2: -ise, -ize, -yze
12. Quiz 2: Punctuation/The Formal Essay
13. Spelling Quiz 2
14. The Informal Essay
15. The Anecdote
16. Essay: Informal Essay
17. Spelling Lesson 3: -able, -ible
18. Quiz 3: Punctuation and Essays
19. Spelling Quiz 3
20. Unit 3 Special Project*
21. Test
22. Alternate Test*
23. Reference

Language Arts 800

Unit 4: Words and How to Use Them

Assignments

1. Spelling Lesson 1: Develop Spelling Sense
2. Spelling Quiz 1
3. Using the Dictionary
4. Diacritical Marks
5. Using a Thesaurus
6. Quiz 1: Understanding Words (Dictionary and Thesaurus Skills)
7. Spelling Lesson 2: General and Homonyms
8. Spelling Quiz 2
9. Standard and Nonstandard Usage
10. Confusing Words
11. Quiz 2: Using Words Correctly
12. Spelling Lesson 3: General
13. Spelling Quiz 3
14. Project: Book Report: Post-1900 Novel*
15. Unit 4 Special Project*
16. Test
17. Alternate Test*
18. Reference

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Language Arts 800

Unit 5: Correct Language Usage

Assignments

1. The Apostrophe
2. The Hyphen
3. Quotation Marks
4. Parentheses and Italics
5. Capitalization
6. Essay: Choice of Topic
7. Abbreviations and Acronyms
8. Numbers and Figures
9. Spelling Lesson 1: General and Content Words
10. Quiz 1: Written Language
11. Spelling Quiz 1
12. Spoken Language: Biblical Standards
13. Project: Biblical Speech
14. Speaking Qualities
15. Project: Speech
16. Spelling Lesson 2: Content Words
17. Quiz 2: Punctuation, Usage, and Spoken Language
18. Spelling Quiz 2
19. Review of Homonyms, Synonyms and Antonyms
20. Vocabulary Development: Word Pairs
21. Spelling Lesson 3: Difficult Word Pairs
22. Quiz 3: Correct Usage
23. Spelling Quiz 3
24. Unit 5 Special Project*
25. Test
26. Alternate Test*
27. Reference

Language Arts 800

Unit 6: Language and Literature

Assignments

1. The Old English Period
2. The Old English Language and Literature
3. Report: Anglo-Saxon Culture/Literature
4. Middle English
5. Report: Geoffrey Chaucer
6. Spelling Lesson 1: -ance, -ence, -ense
7. Quiz 1: The History of the English Language
8. Spelling Quiz 1
9. Coordinating Conjunctions
10. Correlative Conjunctions/Conjunctive Adverbs
11. Subordinating Conjunctions/Adverb Clauses
12. Relative Pronouns/Adjective Clauses; Phrases and Appositives
13. Spelling Lesson 2: Mispronounced Words
14. Quiz 2: The Construction of Sentences
15. Spelling Quiz 2
16. The Elements of Autobiography
17. Autobiographical Excerpt: Jesse Stuart
18. Autobiographical Excerpt: Admiral Byrd
19. Essay: Autobiography
20. Spelling Lesson 3: Vocabulary Words
21. Quiz 3: Cumulative
22. Spelling Quiz 3
23. Project: Book Report: Biography*
24. Unit 6 Special Project*
25. Test
26. Alternate Test*
27. Reference

Language Arts 800

Unit 7: Critical Reading and Paragraph Skills

Assignments

1. Critical Reading: Symbolism/Connotation
2. Critical Reading: Context/Directive Language
3. Analyzing an Author's Credentials/Argument
4. Propaganda
5. Spelling Lesson 1: Silent Letters
6. Quiz 1: Critical Reading
7. Spelling Quiz 1
8. Paragraph Structure
9. Essay: Paragraph Types
10. Organizing a Unified Paragraph
11. Paragraph Coherence/Transition Methods
12. Essay: Paragraph Development
13. Spelling Lesson 2: Silent Letters
14. Quiz 2: The Paragraph
15. Spelling Quiz 2
16. Writing a Composition: The Introduction
17. Essay: Thesis Statement*
18. Writing a Composition: The Body
19. Writing a Composition: The Conclusion
20. Writing a Composition: Proofreading
21. Essay: Analyzing an Argument
22. Spelling Lesson 3: Unaccented Syllables
23. Quiz 3: Cumulative
24. Spelling Quiz 3
25. Unit 7 Special Project*
26. Test
27. Alternate Test*
28. Reference

Language Arts 800

Unit 8: Writing, Listening, and Reading

Assignments

1. Writing Business Letters
2. Three Types of Business Letters
18. Quiz 2: Listening Skills/Nonverbal Communication
19. Spelling Quiz 2

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3. Project: Business Letters
4. Structure and Form of Personal Letters
5. Three Types of Personal Letters
6. Project: Personal Letters
7. Spelling Lesson 1: General
8. Quiz 1: Writing Letters
9. Spelling Quiz 1
10. Sound and Listening
11. Listening for Literal Meaning
12. Listening for Implied and Figurative Meaning
13. Project: Figures of Speech
14. Identifying Nonverbal Clues
15. Being a Good Listener
16. Project: Listening Skills
17. Spelling Lesson 2: General and Content Words
20. Distinguishing Between Fiction and Nonfiction
21. Evaluating the Reliability of Information
22. Report: Assessing Reliability
23. Sources of Information
24. Reading the Newspaper
25. News Magazines/Other Nonfiction Resources
26. Project: Newspaper Analysis
27. Spelling Lesson 3: General
28. Quiz 3: Cumulative
29. Spelling Quiz 3
30. Unit 8 Special Project*
31. Test
32. Alternate Test*
33. Reference

Language Arts 800

Unit 9: The English Language

Assignments

1. English is a Living Language
2. Etymology of English Words
3. English in the United States
4. Project: Slang
5. Spelling Lesson 1: General
6. Quiz 1: The Changing Language
7. Spelling Quiz 1
8. Double Negatives
9. Dangling Modifiers
10. Shift in Person and Number
11. Shift in Mood and Tense; S/V Agreement
12. Spelling Lesson 2: General
13. Quiz 2: Grammar and History of English
14. Spelling Quiz 2
15. Organizing an Oral Report
16. Developing an Oral Report
17. Using Language Appropriately
18. Effective Speaking Techniques
19. Project: Oral Report
20. Spelling Lesson 3: Frequently Misspelled Words
21. Quiz 3: Cumulative
22. Spelling Quiz 3
23. Unit 9 Special Project*
24. Test
25. Alternate Test*
26. Reference

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Language Arts 800

Unit 10: Review

Assignments

1. History of Language
2. Grammar: Parts of Speech
3. Punctuation and Capitalization
4. Abbreviations, Apostrophes, and Hyphens
5. Dictionary and Thesaurus
6. Standard English Usage
7. Common Sentence Errors
8. Paragraphs
9. Letters
10. Compositions
11. Essay: What Makes a Good Christian?
12. Review Quiz 1: Language
13. Review Spelling Lesson 1 and 2
14. Spelling Quiz 1
15. Communication: Unspoken Factors
16. Communication: Spoken Factors
17. Project: Interview a Friend
18. Following Directions and Listening
19. Review Quiz 2: Communication
20. Review Spelling Lesson 3 and 4
21. Spelling Quiz 2
22. Reading: Word Parts
23. Reading: Context Clues and Sequence
24. Reading: Fact and Opinion, News Articles
25. Reading: Essays and Autobiographies
26. Project: Analyze a Formal Essay
27. Report: Autobiography
28. Review Quiz 3: Reading
29. Review Spelling Lesson 5 and 6
30. Essay: Short Story
31. Spelling Quiz 3
32. Unit 10 Special Project*
33. Test
34. Alternate Test*
35. Reference

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English I

English I continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**–reinforces reading comprehension skills by teaching students how to understand and appreciate poetry, drama, informative nonfiction, and fiction; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative prose; guides students through readings of drama, a novel, and selections from well-known poetry, and short stories.

- **Writing**–furthers students' understanding of sentence structures; reviews parts of speech and their types, including in-depth studies on verbs (transitive, intransitive, conjugation, tense, voice, mood); develops students' understanding of the types and functions of phrases and clauses; teaches language history and etymology to help students build on knowledge of word structures, including prefixes, roots, and suffixes; expands on students' vocabulary skills; reviews spelling skills; gives students the opportunity to develop their abilities in writing speeches, short essays, poetry, friendly/business letters, and short stories.

- **Speaking**–offers students experience in delivering a speech; teaches skills that enable students to become effective speakers and communicators, weaving these skills together throughout the course.

- **Listening**–teaches effective listening comprehension skills, weaving these together throughout the lessons.

English I	**Unit 1: The Structure of Language**	
	Assignments	
	1. Course Overview	19. Indefinite and Collective Antecedents
	2. Parts of Speech and Noun Types	20. Prepositions
	3. Plural Nouns (1)	21. Frequently Misused Prepositions
	4. Plural Nouns (2)	22. Conjunctions and Interjections
	5. Plural Nouns (3)	23. Quiz 3: Pronouns, Prepositions, and Conjunctions
	6. Plural Nouns (4)	24. Phrases
	7 Possessive Nouns	25. Clauses
	8. Adjectives	26. Sentence Parts
	9. Adjectives: Comparison and Suffixes	27. Quiz 4: Sentence Elements
	10. Quiz 1: Nouns and Adjectives	28. Documentation
	11. Verbs: Principal Parts	29. Works Cited
	12. Verbs: Tense, Voice, and Mood	30. Parenthetical Citation
	13. Verb Conjugation	31. Documentation Review
	14. Transitive and Intransitive Verbs	32. Special Project*
	15. Adverbs	33. Test: Language Structure
	16. Quiz 2: Verbs and Adverbs	34. Alternate Test: Language Structure*
	17. Personal Pronouns	35. Reference
	18. Types of Pronouns	

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English I

Unit 2: The Nature of Language

Assignments

1. Origin of Language
2. Project: Nonverbal Communication
3. Ancient Languages
4. Old English to Modern English
5. Quiz 1: Language Development
6. Word Meanings
7. Word Roots
8. Understanding Word Parts
9. Working with Word Parts
10. Quiz 2: Word Parts
11. Special Project*
12. Test: The Nature of Language
13. Alternate Test: The Nature of Language*
14. Reference

English I

Unit 3: Words and Writing

Assignments

1. Using the Dictionary
2. Using Words Effectively
3. Quiz 1: Vocabulary and Pronunciation
4. Spelling: Pronunciation Techniques
5. Mnemonics
6. Quiz 2: Spelling and Pronunciation
7. Writing: Preparation
8. Researching and Writing the Paper
9. Project: Outline
10. Essay: Short Essay
11. Quiz 3: Vocabulary and Sentence Structure
12. Special Project*
13. Test: Words and Writing
14. Alternate Test: Words and Writing*
15. Reference

English I

Unit 4: Paragraphs, Essays, and Research Reports

Assignments

1. The Structure of a Paragraph
2. Effective Transitions
3. The Structure of an Essay
4. Types of Essays
5. Project: The Five Paragraph Essay
6. Quiz 1: Paragraphs and Essays
7. The Thesis Statement
8. The Outline
9. Researching and the Library
10. The Research Report
11. Quiz 2: Research Reports
12. Project: The Research Report
13. Special Project*
14. Test: Paragraphs, Essays, and Research Reports
15. Alternate Test: Paragraphs, Essays, and Research Reports*
16. Reference

English I

Unit 5: Short Stories

Assignments

1. The History of the Short Story
2. Short Story Fundamentals
3. Imagery and Symbolism
4. Quiz 1: Short Story Fundamentals
5. Biblical Stories
6. The Slip-Over Sweater
7. Essay: Response to the Slip-Over Sweater
8. Drawing Inferences
9. The Gift of the Magi
10. Quiz 2: Short Story Comprehension
11. Special Project*
12. Test: Short Stories
13. Alternate Test: Short Stories*
14. Reference

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English I

Unit 6: Structure and Meaning in Prose and Poetry

Assignments

1. Understanding Author Purpose and Meaning
2. Using Paragraph Structure to Find Meaning
3. Using Visual Aids to Find Meaning
4. Quiz 1: Reading for Purpose and Meaning
5. Recognizing Author Appeal
6. Detecting Logical Fallacies
7. Quiz 2: Reading Persuasion
8. Literal Reading: Surface Meaning in Poetry
9. Symbolic Reading: Symbols in Poetry
10. Figurative Reading: Language and Poetry
11. Analytical Reading: Patterns in Poetry
12. Quiz 3: Understanding and Enjoying Poetry
13. Special Project*
14. Test: Structure and Meaning in Prose and Poetry
15. Alternate Test: Structure and Meaning in Prose and Poetry*
16. Reference

English I

Unit 7: Communication

Assignments

1. Speaking
2. Giving a Speech
3. Project: Speech
4. Project: Effective Oral Reading*
5. Quiz 1: Speaking
6. Listening
7. Quiz 2: Listening
8. Letter Writing
9. Project: Informal Letter
10. Project: Business Letter
11. Quiz 3: Letter Writing
12. Special Project*
13. Test: Communication
14. Alternate Test: Communication*
15. Reference

English I

Unit 8: Drama

Assignments

1. The History of Drama
2. Elements of Drama
3. Dramatic Devices
4. Essay: Parable*
5. Quiz 1: Drama
6. The Miracle Worker (Act 1)
7. The Miracle Worker (Act 2)
8. The Miracle Worker (Act 3)
9. Essay: Miracle Worker
10. Essay: The Asylum
11. Quiz 2: The Miracle Worker
12. Special Project*
13. Test: Drama
14. Alternate Test: Drama*
15. Reference

English I

Unit 9: Studies in The Novel

Assignments

1. The Novel
2. Subject Matter
3. Types of Novels
4. Modes of Writing the Novel
5. Quiz 1: The Novel
6. Twenty Thousand Leagues Under the Sea
7. Plot and Perspective
8. Episodes
9. Plot Function
10. Essay: Twenty Thousand Leagues
11. Quiz 2: Twenty Thousand Leagues
12. The Critical Essay
13. Essay: Lost Continent
14. Essay: Critique*
15. Quiz 3: The Critical Essay
16. Special Project*
17. Test: Studies in the Novel
18. Alternate Test: Studies in the Novel*
19. Reference

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English I	Unit 10: Review	
	Assignments	
	1. Structure	9. Quiz 2: Communication
	2. Plural Nouns	10. Library Skills and Visual Aids
	3. Adjectives	11. Determining the Author's Message
	4. Verbs and Adverbs	12. Quiz 3: Reading and Research
	5. Pronouns, Prepositions, Phrases, and Clauses	13. Special Project*
	6. Quiz 1: Structure	14. Test: Review
	7. The Skills of Writing	15. Alternate Test: Review*
	8. The Skills of Speaking	16. Reference

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English II

English II continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It focuses on deepening and furthering students' understanding in the following ways:

- **Reading**–reinforces reading comprehension skills by teaching students how to comprehend and appreciate poetry, drama, nonfiction, and fiction; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative prose; guides students through readings of the allegory *Everyman* and Sheldon's *In His Steps*, as well as selections of and excerpts from well-known poetry and short stories.

- **Writing**–develops students' understanding of complex sentence and paragraph structures, providing hands-on experience with connectives, transitions, phrases, and clauses; teaches language history and etymology to help students build on knowledge of grammar and word structures; expands on students' vocabulary skills; gives students the opportunity to develop their abilities in writing a set of instructions, a literary critique, a poem, a short story, and a speech.

- **Speaking**–offers students experience in delivering a speech; teaches skills that enable students to become effective speakers and communicators, weaving the skills throughout the course.

- **Listening**–teaches effective listening comprehension skills, integrating these throughout the lessons.

- **Special Topics**–incorporates research skills, including internet, library, and reference material use, throughout the curriculum.

English II	**Unit 1: Language Structure**	
	Assignments	
	1. Course Overview	16. Pronoun/Antecedent Agreement
	2. Forming Noun Plurals (1)	17. Pronoun Reference
	3. Forming Noun Plurals (2)	18. Adjective Clauses
	4. Forming Noun Plurals (3)	19. Adverb Clauses
	5. Forming Noun Plurals (4)	20. Noun Clauses
	6. Forming Noun Plurals (5)	21. Quiz 3: Clauses and Pronoun Reference
	7. Understanding Suffixes	22. Documentation
	8. Adding Suffixes	23. Works Cited
	9. Word Use and Suffixes	24. Parenthetical Citation
	10. Quiz 1: Noun Plurals and Suffixes	25. Documentation Review
	11. Relative and Interrogative Pronouns	26. Special Project*
	12. Demonstrative and Indefinite Pronouns	27. Test: Language Structure
	13. Personal Pronouns	28. Alternate Test: Language Structure*
	14. Gender and Case in Pronouns	29. Reference
	15. Quiz 2: Pronouns	

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English II

Unit 2: Writing Effective Sentences

Assignments

1. Principal Parts and Participles
2. Participles
3. Infinitives
4. Gerunds
5. Quiz 1: Verbals
6. Adjective Phrases
7. Adverb Phrases
8. Appositive Phrases and Direct Address
9. Participial and Gerund Phrases
10. Infinitive Phrases
11. Quiz 2: Phrases
12. Simple Sentences
13. Compound Sentences
14. Complex Sentences
15. Essay: Effective Writing
16. Quiz 3: Sentences
17. Special Project*
18. Test: Writing Effective Sentences
19. Alternate Test: Writing Effective Sentences*
20. Reference

English II

Unit 3: Writing and Reading Skills

Assignments

1. Elements of the Sentence
2. Elements of the Paragraph
3. Connectives and Transitions
4. Essay: Using Connectives*
5. Development of Paragraphs
6. Essay: Paragraphs
7. Essay: Using Change of Focus*
8. Quiz 1: Sentences and Paragraphs
9. Exposition: Instructions
10. Project: How-to Evaluation
11. Essay: How-to
12. Exposition: Events, Ideas, and Biography
13. Essay: Biography*
14. Quiz 2: Elements of Exposition
15. Recognizing Main Ideas
16. Advanced Reading Skills
17. Project: Analyzing Expository Writing
18. Understanding Relationships
19. Essay: Logic
20. Essay: Expository Essay*
21. Quiz 3: Reading Skills
22. Value, Nature, and Role of Oral Reading
23. Skills of Oral Reading
24. Preparation for Oral Reading
25. Project: Oral Reading*
26. Project: Abridged Reading*
27. Quiz 4: Oral Reading
28. Special Project*
29. Test: Writing and Reading Skills
30. Alternate Test: Writing and Reading Skills*
31. Reference

English II

Unit 4: Speaking and Listening

Assignments

1. Selecting and Limiting a Topic
2. Choosing the Language (1)
3. Choosing the Language (2)
4. Essay: Writing a Speech
5. The Speech
6. Project: Giving the Speech*
7. Quiz 1: Speaking
8. The Nature of Listening
9. Listening for Main Ideas
10. Critical Listening
11. Essay: Taking Notes
12. Essay: Commercials*
13. Quiz 2: Critical Listening
14. Special Project*
15. Test: Speaking and Listening
16. Alternate Test: Speaking and Listening*
17. Reference

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English II

Unit 5: The Development of English

Assignments

1. Changes in Language
2. Changes in Vocabulary
3. Changes in Meaning
4. Etymology
5. History of Words
6. Project: Names
7. Connotations and Propaganda
8. Project: Identifying Propaganda*
9. Quiz 1: Etymology
10. Changes in Pronunciation and Spelling
11. Morphemes
12. Inflections
13. Syntax and Word Relationships
14. Quiz 2: Changes in Language
15. Angles and Saxons
16. Norman Invasion
17. The Renaissance
18. Elizabethan English and the Age of Reason
19. Colonization of America
20. Westward Movement/Industrial Revolution
21. Quiz 3: The Development of English
22. Varieties of English: American and British
23. American Regional Dialects
24. Essay: Varieties
25. Nonstandard and Standard English
26. Project: Advertising*
27. Essay: Newspaper
28. Essay: Future Language*
29. Quiz 4: Varieties of English
30. Special Project*
31. Test: The Development of English
32. Alternate Test: The Development of English*
33. Reference

English II

Unit 6: The Short Story

Assignments

1. Short Story Elements
2. Celebrated Jumping Frog of Calaveras County
3. The Lady, or the Tiger?
4. Essay: The Lady, or the Tiger?*
5. The Necklace
6. Essay: The Necklace
7. Quiz 1: Short Story Elements
8. Writing About Literature
9. Project: Outline
10. Writing a Literary Critique
11. Project: Preparing a Critique
12. Essay: Critique
13. Quiz 2: Writing About Literature
14. Writing a Short Story
15. Project: Preparing a Short Story
16. Essay: Writing a Short Story
17. Quiz 3: Using Writing Skills
18. Special Project*
19. Test: The Short Story
20. Alternate Test: The Short Story*
21. Reference

English II

Unit 7: Studies in the Novel

Assignments

1. Development of the Novel
2. Drama and the Novel
3. The Novelist and His Novel
4. The Novelist and His Selection
5. The Novelist and His Limits
6. The Novelist: His Values and Detachment
7. Quiz 1: The Novelist and the Novel
8. Novel and Plot
9. Character, Symbol, and Mood
10. Essay: Maxwell*
11. Essay: Raymond
12. Quiz 2: In His Steps
13. The Critical Essay
14. Essay: Preparing the Review
15. Essay: Writing the Review
16. Quiz 3: The Critical Essay
17. Special Project*
18. Test: Studies in the Novel
19. Alternate Test: Studies in the Novel*
20. Reference

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English II

Unit 8: Drama

Assignments

1. Greek Drama
2. Roman Drama and Dramatic Elements
3. Quiz 1: Understanding Drama
4. Oral Interpretation and Christian Drama
5. Everyman: Prologue (1-203)
6. Everyman: Fellowship (204-316)
7. Everyman: Kindred and Cousin (317-390)
8. Everyman: Goods (391-462)
9. Everyman: Good Deeds (463-521)
10. Everyman: Knowledge and Confession (522-670)
11. Everyman: Virtues (670-787)
12. Everyman: Virtues Lost (788-861)
13. Everyman: Epilogue (862-922)
14. Essay: Everyman
15. Quiz 2: Everyman
16. Special Project*
17. Test: Drama
18. Alternate Test: Drama*
19. Reference

English II

Unit 9: Poetry

Assignments

1. Poetic Form and Rhyme
2. Meter and Diction
3. Imagery and Figurative Language
4. Figurative Language and Sound Effects
5. Quiz 1: Elements of Poetry
6. Literal Meaning
7. Figurative and Symbolic Meaning
8. Project: Poem Analysis
9. Project: Writing a Poem
10. Quiz 2: Poetic Meaning
11. Special Project*
12. Test: Poetry
13. Alternate Test: Poetry*
14. Reference

English II

Unit 10: Review

Assignments

1. The Development of English
2. English Usage
3. Noun Plurals
4. Suffixes
5. Verbals and Phrases
6. Subordinate Clauses
7. Pronouns
8. Sentence Types
9. Organizing Paragraphs
10. Project: Paragraph
11. Punctuating Ideas
12. Writing Compositions
13. Essay: Critique
14. Quiz 1: English and Writing
15. Preparing a Speech
16. Writing and Delivering a Speech
17. Project: Speech*
18. Reading Literature to an Audience
19. Project: Cutting
20. Listening to a Speech
21. Essay: Evaluating*
22. Quiz 2: Speaking and Listening
23. Reading for Meaning
24. Reading and Experiencing Poetry
25. Interpreting Poetry
26. Reading Drama
27. Everyman
28. Short Story Elements
29. Reading Short Stories
30. Reading a Novel
31. Essay: In His Steps*
32. Quiz 3: Literature
33. Special Project*
34. Test: Review
35. Alternate Test: Review*
36. Reference

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English III

English III continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**–reinforces reading comprehension skills by teaching students comprehension techniques for literary fiction, nonfiction, poetry, and drama; discusses common literary devices; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative and expository prose; guides students through readings of Thornton Wilder's *Our Town* (play) and Lee's *To Kill a Mockingbird* as well as selections of and excerpts from well-known poetry and nonfiction pieces.

- **Writing**–develops students' writing skills by teaching about clauses and phrases in sentence structures; reviews common sentence construction errors and methods for avoiding them; provides practice in standard and nonstandard English, as well as specialized language use; teaches Greek and Latin roots and prefixes to enhance vocabulary and spelling skills; expands students' abilities to write cohesive and coherent expository prose; gives students the opportunity to develop their abilities in writing literary critiques, personal essays, poetry, and research papers.

- **Special Topics**–incorporates research skills, including internet, library, and reference material use, throughout the curriculum.

English III

Unit 1: Learning and Using Standard English

Assignments

1. Course Overview
2. Acquiring a Language
3. Essay: Natural Language and Standard English
4. Learning a Standard
5. Levels of Usage
6. Essay: Levels of Standard English
7. Quiz 1: Why Standard English?
8. Making a Dictionary
9. Anatomy of a Dictionary
10. Project: Dictionary Comparison
11. Quiz 2: Dictionaries: Guardians of the Standard
12. Types of Written Standard English
13. Technical Texts
14. Informational Texts
15. Literary Texts
16. Essay: Writing Across Standard English
17. Quiz 3: Varieties of Written Standard English
18. Documentation
19. Works Cited
20. Parenthetical Citation
21. Documentation Review
22. Special Project*
23. Test: Learning and Using Standard English
24. Alternate Test: Learning and Using Standard English*
25. Reference

English III

Unit 2: Sentence Elements

Assignments

1. Clauses
2. Adverb Clauses and Adjective Clauses
3. Noun Clauses
4. Project: Writing Subordinate Clauses
5. Project: Subordinate Clauses*
6. Project: Relative Pronouns*
7. Quiz 1: Clauses
8. Verbals: Gerunds
9. Verbals: Participles
10. Project: Writing with Verbals
11. Verbals: Infinitives
12. Combining Verbals
13. Appositives
14. Project: Verbals and Appositives
15. Quiz 2: Verbals and Appositives
16. Special Project*
17. Test: Sentence Elements
18. Alternate Test: Sentence Elements*
19. Reference

English III

Unit 3: Clear Connections: A Writing Workshop

Assignments

1. Nouns and Pronouns
2. Jobs Personal Pronouns Do
10. Using Modifiers Correctly
11. Using Parallel Structure

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	3.	Other Types of Pronouns	12.	Essay: Clear Connections in Action
	4.	Quiz 1: Understanding Pronouns	13.	Quiz 3: Writing Strong Sentences
	5.	Pronoun Case (Part 1)	14.	Special Project*
	6.	Pronoun Case (Part 2)	15.	Test: Sentence Workshop
	7.	Pronoun Reference	16.	Alternate Test: Sentence Workshop*
	8.	Pronoun Agreement	17.	Reference
	9.	Quiz 2: Using Pronouns		

	Unit 4: Meaning and Main Ideas			
	Assignments			
English III	1.	Greek Prefixes	11.	Quiz 2: Word Meanings and Pronunciation
	2.	Latin Prefixes	12.	Finding the Main Idea
	3.	Greek Roots	13.	Quiz 3: Main Ideas
	4.	Project: Greek Roots	14.	Analyzing a Textbook
	5.	Latin Roots	15.	Essay: Outline and Essay
	6.	Project: Latin Roots	16.	Quiz 4: Analyzing a Textbook
	7.	Quiz 1: Prefixes and Roots	17.	Special Project*
	8.	Context Clues	18.	Test: Meaning and Main Ideas
	9.	Project: Using Context Clues	19.	Alternate Test: Meaning and Main Ideas*
	10.	Diacritical Marking	20.	Reference

	Unit 5: Poetry			
	Assignments			
English III	1.	Measurement in Poetry	13.	Project: Prose Paraphrase
	2.	Essay: Response to ANNABEL LEE	14.	Project: Prose Paraphrase*
	3.	Meter and Metrical Sets	15.	The Experience of Love
	4.	Project: The Meter of a Poem*	16.	Project: Society and Young People
	5.	Musical Effects: Rhyme	17.	Quiz 2: Poetic Themes
	6.	Other Musical Effects	18.	Imagery and Connotation
	7.	Form in Poetry	19.	Essay: Writing a Poem
	8.	Essay: Narrative and Lyric Poetry	20.	Quiz 3: Imagery and Connotation
	9.	Project: Sonnet	21.	Special Project*
	10.	Quiz 1: Structure of Poetry	22.	Test: Poetry
	11.	Universality and the Experience of Faith	23.	Alternate Test: Poetry*
	12.	The Experience of Faith (cont.)	24.	Reference

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English III

Unit 6: Nonfiction

Assignments

1. Elements of Nonfiction
2. Project: Survey*
3. Exposition
4. Description
5. Essay: Descriptive Essay
6. Quiz 1: Elements of Nonfiction
7. Essays and Sermons
8. Diaries, Journals, and Letters
9. Project: Journal*
10. Biography and Autobiography
11. Periodicals
12. Project: Analyzing an Editorial
13. Quiz 2: Types of Nonfiction
14. Nonfiction Topics for Reading
15. Other Nonfiction Topics for Reading
16. Approaches to Nonfiction
17. Project: Outline
18. Essay: Illustrative Composition
19. Essay: Analytical Paper*
20. Essay: Argumentative Paper*
21. Quiz 3: Nonfiction Topics
22. Special Project*
23. Test: Nonfiction
24. Alternate Test: Nonfiction*
25. Reference

English III

Unit 7: American Drama

Assignments

1. The Development of Drama
2. Drama in America
3. Quiz 1: The Development of Drama
4. The Art of Drama
5. The Structure and Reading of a Play
6. Quiz 2: The Art of Drama
7. Wilder's OUR TOWN
8. OUR TOWN: Act I
9. OUR TOWN: Act II
10. Essay: My Town
11. Essay: My Town, Personal Experience*
12. OUR TOWN: Act III
13. Essay: Critical Essay - OUR TOWN
14. Quiz 3: Our Town
15. Special Project*
16. Test: American Drama
17. Alternate Test: American Drama*
18. Reference

English III

Unit 8: The American Novel

Assignments

1. The American Novel
2. Cooper and Hawthorne
3. Essay: Nathaniel Hawthorne
4. Nineteenth Century Novelists
5. Twentieth Century Novelists
6. Quiz 1: Survey of American Novels
7. To Kill a Mockingbird-Introduction
8. To Kill a Mockingbird 6-11
9. Essay: Character Description
10. Quiz 2: To Kill a Mockingbird
11. To Kill a Mockingbird 12-15
12. To Kill a Mockingbird 16-19
13. To Kill a Mockingbird 20-25
14. To Kill a Mockingbird 26-31
15. The Critical Essay
16. Writing the Critical Essay
17. Project: Preparing an Interpretive Essay
18. Essay: Interpretive Essay
19. Quiz 3: To Kill a Mockingbird
20. Special Project*
21. Test: The American Novel
22. Alternate Test: The American Novel*
23. Reference

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English III

Unit 9: Research

Assignments

1. The Investigative Process
2. Choosing Your Subject
3. Quiz 1: The Investigative Process
4. Locating Sources and Taking Notes
5. Using Note Cards*
6. Formulating a Thesis
7. Thesis Statement
8. Quiz 2: Gathering Information
9. Keeping it Relevant
10. Revised Thesis
11. Outlining the Paper
12. Project: Outline
13. Using Sources and Transitions
14. Writing and Revising
15. Essay: Research Paper
16. Quiz 3: The Composition
17. Special Project*
18. Test: Research
19. Alternate Test: Research*
20. Reference

English III

Unit 10: Review

Assignments

1. Context Clues and Word Parts
2. Dictionary Skills
3. Quiz 1: Analyzing Written Words
4. Clauses and Sentence Types
5. Phrases
6. Avoiding Sentence Errors
7. Quiz 2: Writing Effective Sentences
8. Writing Expository Prose
9. Essay: Expository Essay
10. Research Papers
11. Critical Analysis
12. Quiz 3: Expository Prose
13. American Drama
14. Elements of Poetry
15. American Poetry
16. Early American Novels
17. 20th Century Novels
18. Essay: To Kill a Mockingbird*
19. Nonfiction
20. Quiz 4: American Literature
21. Special Project*
22. Test: Review
23. Alternate Test: Review*
24. Reference

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English IV

English IV continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**–reinforces reading comprehension skills by teaching students comprehension techniques for literary fiction, poetry, and drama, including discussion of common literary devices; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative and expository prose; guides students through English literary history, including readings of Shakespeare's *Hamlet*, Milton's *Paradise Lost*, *Beowulf*, Bunyan's *The Pilgrim's Progress*, and other selections of and excerpts from major English literary figures.

- **Writing**–develops students' writing skills by teaching about clauses and phrases in sentence structures; reviews common sentence and paragraph construction errors and methods for avoiding them; teaches Greek and Latin roots and prefixes to enhance vocabulary and spelling skills; expands students' abilities to write cohesive and coherent expository prose; gives students the opportunity to develop their abilities in writing literary critiques, poetry, short stories, and expository prose.

- **Listening**–teaches effective listening comprehension skills, weaving these throughout the lessons; builds upon students' study skills as well as helps them to become reliable and efficient note takers.

- **Special Topics-** incorporates research skills, including internet, library, and reference material use, throughout the curriculum.

English IV

Unit 1: The Worth of Words

Assignments

1. Course Overview
2. Roots and Affixes
3. Word Elements
4. Jargon and Acronyms
5. Quiz 1: Word Study
6. Expository Writing
7. Paragraph Structure
8. Essay: Writing a Paragraph
9. Coherence and Consistency in Writing
10. Mechanics
11. Spelling
12. Additional Spelling Drill*
13. Quiz 2: Expository Writing
14. Sentence Structure
15. Dangling Modifiers and Parallelism
16. Errors in Reference, Agreement, and Logic
17. Diction
18. Essay: Writing a Longer Essay
19. Quiz 3: Sentence Structure
20. Documentation
21. Works Cited
22. Parenthetical Citation
23. Documentation Review
24. Special Project*
25. Test: The Worth of Words
26. Alternate Test: The Worth of Words*
27. Reference

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English IV

Unit 2: The Structure of Language

Assignments

1. Nouns and Pronouns
2. Verbs and Verb Phrases
3. Other Parts of Speech
4. Quiz 1: Parts of Speech
5. The Structure of Sentences
6. The Parts of the Sentence
7. Project: Sentence Patterns
8. Quiz 2: Sentence Structure
9. Methods of Subordination: Participles
10. Gerunds and Infinitives
11. Adverb and Adjective Clauses
12. Noun Clauses
13. Project: Variety in Writing
14. Quiz 3: Methods of Subordination
15. Special Project*
16. Test: The Structure of Language
17. Alternate Test: The Structure of Language*
18. Reference

English IV

Unit 3: Reading and Research

Assignments

1. Word Recognition: Drill One
2. Identifying Main Ideas
3. Word Recognition: Drill Two
4. Opinions, Implications, and Inferences
5. Essay: Using Details in Writing
6. Quiz 1: Reading for Comprehension
7. Phrase Recognition: Drill Three
8. Finding Information in the Library
9. Word Meaning: Drill Four
10. Finding Information on the Internet
11. Project: Web Search Projects*
12. Phrase Recognition: Drill Five
13. Taking Effective Notes
14. Project: Writing a Paper from Notes
15. Quiz 2
16. Special Project*
17. Test: Reading and Research
18. Alternate Test: Reading and Research*
19. Reference

English IV

Unit 4: Language, God's Gift to Man

Assignments

1. Origin of Language
2. Quiz 1: Origin of Language
3. Grammar
4. Structural Grammar
5. Generative Grammar
6. Quiz 2: Grammar
7. Semantics
8. Project: Semantics and Advertising
9. Project: Levels of Usage and Meaning
10. Quiz 3: Semantics
11. Special Project*
12. Test: Language
13. Alternate Test: Language*
14. Reference

English IV

Unit 5: Medieval English Literature

Assignments

1. Early England
2. Old English
3. The Epic and Beowulf
4. Project: Kennings*
5. Project: Beowulf*
6. Elegies, Riddles, and Gnomes
7. Essay: The Elegies
8. Quiz 1: Old English
9. English Literature (1066-1400)
10. Project: Ballad*
11. Essay: 13th C. Literary Forms*
12. Quiz 2: Early Middle English
13. 14th Century Writers; Chaucer
14. Chaucer's Language
15. Canterbury Tales
16. Essay: Character Study
17. Essay: Modern Pilgrimage*
18. The Nun's Priest's Tale
19. Response to The Nun's Priest's Tale
20. Quiz 3: Fourteenth Century Literature
21. Special Project*
22. Test: Medieval English Literature
23. Alternate Test: Medieval English Literature*
24. Reference

English IV

Unit 6: Elizabethan Literature

Assignments

1. Elizabethan Songs
2. Elizabethan Sonnets: Sidney
13. Hamlet: Act III
14. Hamlet: Act IV

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	3. Sonnets: Spenser, Shakespeare, and Donne	15. Hamlet: Act V
	4. Translations and Prose	16. Quiz 3: Hamlet
	5. Essay: Elizabethan Literature*	17. The Critical Essay
	6. Quiz 1: Elizabethan Poetry and Prose	18. Project: Preparing the Critical Essay
	7. Elizabethan Drama	19. Essay: Writing the Critical Essay
	8. William Shakespeare	20. Quiz 4: The Critical Essay
	9. Quiz 2: Elizabethan Drama	21. Special Project*
	10. Hamlet: Act I, i-ii	22. Test: Elizabethan Literature
	11. Hamlet: Act I, iii-v	23. Alternate Test: Elizabethan Literature*
	12. Hamlet: Act II	24. Reference

	Unit 7: 17th- and 18th-Century English Literature	
	Assignments	
English IV	1. The Historical Background of the Literature	11. Samuel Johnson
	2. John Milton	12. Oliver Goldsmith
	3. On the Morning of Christ's Nativity	13. Essay: Swift and Goldsmith
	4. Paradise Lost: Book I	14. Quiz 3: Johnson and Goldsmith
	5. Paradise Lost: Book VII, Book XII	15. Special Project*
	6. John Bunyan	16. Test: 17th- and 18th-Century English Literature
	7. Quiz 1: Milton and Bunyan	17. Alternate Test: 17th- and 18th-Century English Literature*
	8. Alexander Pope	
	9. Jonathan Swift	18. Reference
	10. Quiz 2: Pope and Swift	

	Unit 8: Romantic and Victorian Poetry	
	Assignments	
English IV	1. Romantic Revolution	13. Quiz 2: The Romantic Poets
	2. Poetic Revolution	14. Victorian Variety
	3. Quiz 1: The Romantic Age	15. Essay: Queen Victoria
	4. Romantic Poets: Wordsworth	16. Alfred, Lord Tennyson
	5. William Wordsworth: Other Poems	17. Essay: Views of Nature
	6. Essay: Lessons from Nature	18. Robert and Elizabeth Barrett Browning
	7. Samuel Taylor Coleridge	19. Gerard Manley Hopkins
	8. George Gordon, Lord Byron	20. Quiz 3: The Victorian Poets
	9. Essay: Response to Guilt	21. Special Project*
	10. Percy Bysshe Shelley	22. Test: Romantic and Victorian Poetry
	11. John Keats	23. Alternate Test: Romantic and Victorian Poetry*
	12. Essay: John Constable*	24. Reference

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English IV

Unit 9: Creative Writing

Assignments

1. Fiction
2. Poetry
3. Quiz 1: Fiction and Poetry
4. Writing the Short Story
5. Project: Journal*
6. Project: Writing Descriptions
7. Project: Character Sketch
8. Narration and Style
9. Essay: Inventing Characters*
10. Essay: Writing a Short Story
11. Quiz 2: Writing the Short Story
12. Writing the Poem
13. Project: Using Personification*
14. Project: Writing A Poem
15. Project: Writing Free Verse
16. Project: Writing a Limerick*
17. Quiz 3: Writing Poetry
18. Special Project*
19. Test: Creative Writing
20. Alternate Test: Creative Writing*
21. Reference

English IV

Unit 10: Review

Assignments

1. Origin and Form of Words
2. Grammar and Semantics
3. Reading and Literature Types
4. Expository Writing
5. Project: Expository Paragraph
6. Sentence Structure
7. Sentence Errors
8. Essay: Expository Essay*
9. Creative Writing
10. Quiz 1: Language
11. Medieval English Literature
12. Beowulf and Medieval English History
13. Middle English Literature
14. The Canterbury Tales
15. Elizabethan Literature
16. Elizabethan Drama
17. Hamlet
18. Quiz 2: The Middle Ages and Renaissance
19. Seventeenth-Century Puritan Literature
20. Satire, Sense, and Sensibility
21. Romantic Poetry
22. The Victorian Era
23. Quiz 3: 17th-19th-Century English Literature
24. Special Project*
25. Test: Review
26. Alternate Test: Review*
27. Reference

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Mathematics

Mathematics 300

Math 300 is a full-year elementary math course focusing on number skills and numerical literacy. In it, students will gain solid experience with number theory and operations, learning how to apply these in measurement situations. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to statistical concepts.

By the end of the course, students will be expected to do the following:

- Understand place value and know how to compare and order numbers.
- Perform addition and subtraction, carrying and borrowing on whole numbers.
- Know basic multiplication facts.
- Understand representations in fraction and mixed number forms.
- Understand concepts of likelihood and basic probability.
- Understand concepts of shape, symmetry, and perimeter.
- Understand measurement concepts, including time and temperature.
- Understand representations using decimals and money.

Mathematics 300

Unit 1: Whole Numbers

Assignments

1.	Course Overview	16.	Quiz 3
2.	Patterns: Digits and Number Words	17.	Adding with Carrying
3.	Place Value	18.	Cardinal and Ordinal Numbers
4.	Single-Digit Addition	19.	Standard Measurement for Time
5.	Single-Digit Subtraction	20.	Calendar Time
6.	Addition Problems	21.	Quiz 4
7.	Subtraction Problems	22.	Unit Concept Review 1
8.	Quiz 1	23.	Unit Concept Review 2
9.	Numbers on a Number Line	24.	Practice: Addition and Subtraction
10.	Pattern for Expanded Notation	25.	Quiz 5
11.	Adding Multi-Digit Numbers	26.	Special Project*
12.	Quiz 2	27.	Review Game
13.	Subtracting 3-Digit Numbers	28.	Test
14.	Measurement	29.	Alternate Test*
15.	Operation Symbols	30.	Reference

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Mathematics 300

Unit 2: Number Patterns

Assignments

1. Family of Facts
2. Adding Ones, Tens, and Hundreds
3. Subtracting Ones, Tens, and Hundreds
4. Quiz 1
5. Place Value and Number Words
6. Addition with Carrying
7. Skip Counting and Number Words
8. Quiz 2
9. Skip Counting and Addition with Carrying
10. Fractions
11. Subtracting with Borrowing
12. Quiz 3
13. Shapes
14. Money
15. Review: Borrowing
16. Addition: Checking Answers
17. Subtraction: Checking Answers
18. Quiz 4
19. Review: Number Order and Place Value
20. Review: Addition and Subtraction Facts
21. Quiz 5
22. Special Project*
23. Review Game
24. Test
25. Alternate Test*
26. Reference

Mathematics 300

Unit 3: Whole Numbers and Fractions

Assignments

1. Fact Families, Mental Math, and Addition
2. Column Addition
3. Addition: With and Without Carrying
4. Quiz 1
5. Measurements: Weight and Volume
6. Fact Family, Place Value, and Number Order
7. Checking Addition Problems
8. More Checking Addition Problems
9. Quiz 2
10. Subtraction with Borrowing
11. Number Sentences and Symbols
12. Subtraction with Borrowing and Checking
13. Quiz 3
14. Fractions
15. Fractions - Continued
16. Addition Practice
17. Time: AM and PM
18. Quiz 4
19. Review: Addition, Subtraction, and Money
20. Review: Story Problems, Lines, Shapes, and Measurement
21. Quiz 5
22. Special Project*
23. Review Game
24. Test
25. Alternate Test*
26. Reference

Mathematics 300

Unit 4: Place Value

Assignments

1. Numbers to Thousands Place
2. Addition and Skip Counting
3. Quiz 1
4. Rounding and Estimation
5. Subtraction with Borrowing
6. Measurement
7. Quiz 2
8. Number Words and Place Value
9. Number Patterns
10. Addition and Subtraction: Horizontal Form
11. Quiz 3
12. Adding and Subtracting Fractions
13. Roman Numerals
14. Review: Subtraction with Borrowing
15. Quiz 4
16. Review: Fractions
17. Review: Word Problems and Money
18. Quiz 5
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

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Mathematics 300

Unit 5: Measurement, Shapes, and Review

Assignments

1. Operation Symbols and Number Sense
2. Multi-Digit Addition and Subtraction
3. Cardinal and Ordinal Numbers
4. Quiz 1
5. Number Patterns Using Place Value
6. Measuring Temperature
7. Quiz 2
8. Operation Symbols
9. Shapes and Symmetry
10. Rounding and Estimating
11. Finding Perimeter
12. Quiz 3
13. Multi-Digit Addition and Subtraction
14. Odd and Even Numbers
15. Review: Checking Addition
16. Review: Checking Subtraction
17. Review: Roman Numerals and Fractions
18. Quiz 4
19. Review: Multiple Concepts
20. Review: Story Problems
21. Quiz 5
22. Special Project*
23. Review Game
24. Test
25. Alternate Test*
26. Reference

Mathematics 300

Unit 6: Multiplication, Addition, and Subtraction

Assignments

1. Multi-Digit Addition
2. Skip Counting and Multiplication
3. Review: Telling Time
4. Quiz 1
5. Review: Subtraction
6. Perimeter and Area
7. Review: Fractions
8. Quiz 2
9. Addition and Equivalent Fractions
10. Money Computation and Roman Numerals
11. Quiz 3
12. Multiplication
13. Lines, Angles, and Temperature
14. Review: Addition and Subtraction
15. Quiz 4
16. Story Problems
17. Multiple Concept Review
18. Review: Calendar
19. Quiz 5
20. Special Project*
21. Review Game
22. Test
23. Alternate Test*
24. Reference

Mathematics 300

Unit 7: Operations, Likelihood, and Probability

Assignments

1. Review: Place Value
2. Review: Subtraction with Borrowing
3. Multiplication Facts (1)
4. Quiz 1
5. Measurement
6. Practicing Subtraction with Borrowing
7. Mixed Numbers
8. Quiz 2
9. Review: Expanded Notation and Roman Numerals
10. Probability and Likelihood
11. Math Facts
12. Symmetry
13. Quiz 3
14. Review: Money
15. Multiplication Facts (2)
16. Quiz 4
17. Multiple Concept Review
18. Quiz 5
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

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Mathematics 300

Unit 8: Measurement, Fractions, and Decimals

Assignments

1. Shapes, Measurement, and Addition
2. Time and Measurement
3. Quiz 1
4. Fractions, Odd and Even Number Patterns
5. Decimals
6. Money Problems
7. Quiz 2
8. Fractions, Place Value, and Measurement
9. Directions
10. Quiz 3
11. Multiplication Facts
12. Multiple Concept Practice
13. Review: Addition with Checking
14. Quiz 4
15. Word Problems
16. Using Graphs
17. Quiz 5
18. Special Project*
19. Review Game
20. Test
21. Alternate Test*
22. Reference

Mathematics 300

Unit 9: Review: Multiple Concepts

Assignments

1. How Numbers Work
2. Math Facts
3. Add/Subtract with Checking
4. Multiplication
5. Quiz 1
6. Equivalent Fractions
7. Reading and Writing Fractions
8. Fraction Computation
9. Quiz 2
10. Measure: Length, Perimeter, and Area
11. Measure: Money, Time, and Temperature
12. Measure: Weight and Volume
13. Quiz 3
14. Symmetry and Shapes
15. Roman Numerals
16. Quiz 4
17. Likelihood and Graphing
18. Problem Solving
19. Quiz 5
20. Special Project*
21. Review Game
22. Test
23. Alternate Test*
24. Reference

Mathematics 300

Unit 10: Basic Math Review

Assignments

1. Review: Rounding and Estimation
2. Review: Adding Fractions
3. Review: Subtracting Fractions
4. Review: Multiplication Facts
5. Quiz 1
6. Review: Mental Math, Graphs, Likelihood
7. Review: Addition and Subtraction Computation
8. Quiz 2
9. Review: Fractions and Decimals
10. Review: Add and Subtract Mixed Numbers and Fractions
11. Review: Finding Missing Numbers
12. Quiz 3
13. Review: Shapes and Symmetry
14. Review: Roman Numerals
15. Review: Measurement
16. Quiz 4
17. Review: Number Symbols and Grouping
18. Review: Perimeter and Area
19. Review: Problem Solving
20. Quiz 5
21. Special Project*
22. Review Game
23. Test
24. Alternate Test*
25. Reference

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Mathematics 400

Math 400 is a full-year elementary math course focusing on number skills and numerical literacy. In it, students will gain solid experience with number theory and operations, including decimals and fractions. This course also integrates geometric concepts and skills throughout the units, teaches measurement skills, and introduces students to statistical concepts.

By the end of the course, students will be expected to do the following:

- Perform all four operations on whole numbers.
- Compare and order numbers, using place value and rounding.
- Add and subtract fractions and decimals.
- Understand measurement concepts, including the metric system.
- Calculate perimeters and areas of regular plane shapes.
- Represent data on varied statistical charts.

Mathematics 400	Unit 1: Number Sense and Place Value			
	Assignments			
	1.	Course Overview	16.	Quiz 3
	2.	Place Value to 1,000s	17.	Reading and Writing Fractions
	3.	Single-Digit Addition	18.	Practice Multiplication
	4.	Single-Digit Subtraction	19.	Counting Money
	5.	Multi-Digit Addition	20.	Operations
	6.	Multi-Digit Subtraction	21.	Quiz 4
	7.	Review Place Value to 1,000s	22.	Review: Numbers
	8.	Quiz 1	23.	Story Problems
	9.	Multiplication Facts	24.	Quiz 5
	10.	Family of Facts	25.	Special Project*
	11.	Telling Time	26.	Review Game
	12.	Quiz 2	27.	Test
	13.	Number Words	28.	Alternate Test*
	14.	Patterns	29.	Reference
	15.	Cardinal and Ordinal Numbers		

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Mathematics 400

Unit 2: Rounding and Estimation

Assignments

1. Operations
2. Multiplication Facts: 6-10 and Review
3. Using Standard Measures
4. Quiz 1
5. Place Value to 10,000s
6. Relation Symbols
7. Missing Number Equations
8. Review: Even and Odd Numbers
9. Quiz 2
10. Adding and Subtracting Fractions
11. Rounding Numbers to 10s
12. Estimating Answers to 10s
13. Review: Math Symbols
14. Quiz 3
15. Equivalent Fractions
16. Rounding Numbers to 100s
17. Estimating Answers to 100s
18. Review: Computation
19. Quiz 4
20. Review: Bar Graphs and Fractions
21. Review: Fractions
22. Quiz 5
23. Special Project*
24. Review Game
25. Test
26. Alternate Test*
27. Reference

Mathematics 400

Unit 3: Whole Numbers and Fractions

Assignments

1. Place Value
2. Rounding Numbers to 10s, 100s, and 1,000s
3. Multiply with Carrying to 10s
4. Multiplication Practice
5. Quiz 1
6. Multi-Digit Addition and Subtraction
7. Rounding and Estimating
8. Fractions Equal to Whole Numbers
9. Quiz 2
10. Estimate Answers to 1,000s
11. Relation Symbols
12. Fractions
13. Add and Subtract to 10,000s
14. Check Your Answers
15. Quiz 3
16. Equivalent Fractions
17. Learn Numbers to 100,000s
18. Equations
19. Quiz 4
20. Reading and Solving Story Problems
21. Line Graphs
22. Quiz 5
23. Special Project*
24. Review Game
25. Test
26. Alternate Test*
27. Reference

Mathematics 400

Unit 4: Lines and Shapes

Assignments

1. Plane and Solid Shapes
2. Quiz 1
3. Practice Addition and Subtraction
4. Place Value and Rounding
5. Multiply with Carrying to 100s
6. Quiz 2
7. Lines, Segments, End Points, Rays, Angles
8. Lines, Directions, and Maps
9. Quiz 3
10. Review: Plane and Solid Shapes
11. Fractions
12. Missing Number Problems
13. Review: Operation and Relation Symbols
14. Quiz 4
15. Review: Expanded Notation and Estimation
16. Review: Fractions and Place Value
17. Quiz 5
18. Special Project*
19. Review Game
20. Test
21. Alternate Test*
22. Reference

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Mathematics 400

Unit 5: Division and Measurement

Assignments

1. Introduction to Division
2. Multiplication
3. Addition and Subtraction
4. Review: Time and Number Sense
5. Quiz 1
6. Linear Measurement
7. Capacity (Dry and Liquid Measurement)
8. Division Facts
9. Review: Multiplication
10. Quiz 2
11. Reading a Calendar
12. Perimeter and Area
13. Finding Perimeter and Area
14. Quiz 3
15. Missing Number Problems
16. Division Practice
17. Roman Numerals
18. Review: Regrouping
19. Quiz 4
20. Patterns
21. Quiz 5
22. Special Project*
23. Review Game
24. Test
25. Alternate Test*
26. Reference

Mathematics 400

Unit 6: Multiplication and Fractions

Assignments

1. Prime and Composite Numbers
2. Multiples
3. Division with Remainders
4. Quiz 1
5. Equations and Grouping
6. Proper and Improper Fractions
7. Quiz 2
8. Multiplication Facts For 11 and 12
9. Fractions and Mixed Numbers
10. Review: Division and Roman Numerals
11. Quiz 3
12. Measurements
13. Equivalent Fractions
14. Review: Rounding and Shapes
15. Quiz 4
16. Factors and Multiples
17. Problem Solving with Equations
18. Quiz 5
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

Mathematics 400

Unit 7: Fractions and Patterns

Assignments

1. Multiplication and Division
2. Factors, Multiples, and Variables
3. Fractions
4. Quiz 1
5. Multiplication and Fractions
6. Average and Number Rules
7. Review: Measurement and Place Value
8. Quiz 2
9. Fractions
10. Missing Number Problems
11. Quiz 3
12. Rounding Numbers and Place Value
13. Review: Shapes, Perimeter, and Area
14. Fractions and Patterns
15. Practice: Operations and Money
16. Quiz 4
17. Review: Cardinal and Ordinal Numbers
18. Quiz 5
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

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Mathematics 400

Unit 8: Division and Fractions

Assignments

1. Factoring and Place Value
2. Review: Two-Digit Multiplication
3. Fractions
4. Quiz 1
5. Division
6. Fractions
7. Missing Number Problems
8. Quiz 2
9. Multiplication
10. Division
11. Quiz 3
12. The Metric System
13. Fractions
14. Review: Time
15. Quiz 4
16. Review: Operations and Rounding
17. Review: Roman Numerals, Measurement, and Symbols
18. Quiz 5
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

Mathematics 400

Unit 9: Decimals and Fractions

Assignments

1. Decimals
2. Money
3. Multiplication of Whole Numbers
4. Quiz 1
5. Ordered Pairs
6. Division and Averages
7. Quiz 2
8. Add and Subtract Decimals
9. Fractions with Different Denominators
10. Equivalent Fractions and Decimals
11. Quiz 3
12. Multiply and Divide
13. Mixed Numbers
14. Sensible Answers
15. Quiz 4
16. Review: Fractions
17. Review
18. Quiz 5
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

Mathematics 400

Unit 10: Graphing and Review

Assignments

1. Data Collection and Random Sampling
2. Project: Collecting Data
3. Project: Predicting Data
4. Graphs
5. Quiz 1
6. Whole Numbers
7. Decimal Numbers
8. Quiz 2
9. Problem Solving with Fractions
10. Fractions
11. Quiz 3
12. Sizes, Shapes, and Measurements
13. Word Problems and Equations
14. Quiz 4
15. Special Project*
16. Review Game
17. Test
18. Alternate Test*
19. Reference

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Mathematics 500

Math 500 is a full-year elementary math course focusing on number skills, mathematical literacy, and geometric concepts. Students will gain solid experience with number theory and operations, including whole numbers, decimals, and fractions. In addition, students will develop their understanding of measurement and two- and three- dimensional figures. This course also integrates mathematical practices throughout the units, as well as introducing students to algebraic, statistical, and probability concepts.

In this course, students will be taught the following:

Place Value, Addition, and Subtraction

- Adding and subtracting of decimals and fractions
- Comparing and ordering whole numbers
- Determining rules for number patterns
- Mental math
- Rounding and estimating

Multiplying Whole Numbers and Decimals

- Estimating whole number products
- Multiplying decimals
- Multiplying whole numbers
- Properties of multiplication

Dividing Whole Numbers and Decimals

- Dividing with money
- Dividing whole numbers and decimals
- Estimating quotients
- Interpreting remainders

Algebra and Graphing

- Coordinate plane
- Expressions
- Graphing functions
- Integers
- Numerical patterns in tables and graphs
- Order of operations
- Scatterplots

Measurement

- Capacity
- Density
- Length
- Mass
- Time and temperature
- The Metric System
- Weight

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Factors and Fractions

- Comparing fractions and decimals
- Equivalent fractions
- Factors
- Fractions
- Greatest Common Factor/Least Common Multiple
- Improper fractions and mixed numbers
- Prime factorization
- Rounding fractions
- Simplifying fractions

Fraction Operations

- Adding and subtracting fractions
- Adding and subtracting mixed numbers
- Estimating sums and differences
- Multiplying mixed numbers
- Multiplying whole numbers and fractions

Data Analysis and Probability

- Bar/Line Graphs
- Choosing the right graph
- Collecting data and frequency tables
- Line plots
- Listing outcomes
- Making predictions
- Measures of central tendency
- Probability
- Stem-and-Leaf plots

Geometry

- Angles
- Circles
- Geometry terms
- Polygons
- Quadrilaterals
- Making predictions
- Similar and congruent figures
- Solid figures
- Symmetry
- Transformations
- Triangles

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Perimeter, Area, and Volume

- Perimeter, Area, and Volume
- Area
- Circumference
- Parallelograms
- Polygons
- Regular polygons
- Squares and rectangles
- Surface area
- Triangles
- Volume

Financial Literacy

- Exploring your finances

Mathematics 500

Unit 1: Place Value, Addition, and Subtraction

Assignments

1.	Course Overview	16.	Adding Decimal Numbers
2.	Whole Number Place Value	17.	Determining Rules to Generate Number Patterns
3.	Comparing and Ordering Whole Numbers	18.	Subtracting Decimal Numbers
4.	Decimal Number Place Value	19.	Exploring Your Finances
5.	Comparing and Ordering Decimal Numbers	20.	Project: Logical Reasoning
6.	Quiz: Place Value	21.	Quiz: Addition and Subtraction
7.	Alternate Quiz - Form A: Place Value*	22.	Alternate Quiz - Form A: Addition and Subtraction*
8.	Alternate Quiz - Form B: Place Value*	23.	Alternate Quiz - Form B: Addition and Subtraction*
9.	Rounding Whole Numbers and Decimals	24.	Special Project*
10.	Estimating Sums and Differences	25.	Review
11.	Add and Subtract Mentally	26.	Test
12.	Quiz: Rounding and Estimating	27.	Alternate Test - Form A*
13.	Alternate Quiz - Form A: Rounding and Estimating*	28.	Alternate Test - Form B*
14.	Alternate Quiz – Form B: Rounding and Estimating*	29.	Glossary and Credits
15.	Adding and Subtracting Whole Numbers		

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Mathematics 500

Unit 2: Multiplying Whole Numbers and Decimals

Assignments

1. Estimating Whole Number Products
2. Properties of Multiplication
3. Multiplying Whole Numbers
4. Quiz: Multiplying Whole Numbers
5. Alternate Quiz —Form A: Multiplying Whole Numbers*
6. Alternate Quiz —Form B: Multiplying Whole Numbers*
7. Exponents
8. Multiplying Whole Numbers by Powers of Ten
9. Project: How Much is a Million
10. Multiplying Decimals by Powers of Ten
11. Quiz: Powers
12. Alternate Quiz —Form A: Powers*
13. Alternate Quiz —Form B: Powers*
14. Estimating Decimal Products
15. Multiplying Whole Numbers by Decimals
16. Multiplying Decimals by Decimals
17. Solving Multiplication Problems
18. Quiz: Multiplying Decimal Numbers
19. Alternate Quiz —Form A: Multiplying Decimal Numbers*
20. Alternate Quiz —Form B: Multiplying Decimal Numbers*
21. Special Project*
22. Review
23. Test
24. Alternate Test—Form A*
25. Alternate Test—Form B *
26. Glossary and Credits

Mathematics 500

Unit 3: Dividing Whole Numbers and Decimals

Assignments

1. Understanding Division
2. Estimating Quotients
3. Dividing Whole Numbers
4. Remainders
5. Quiz: One-Digit Divisors
6. Alternate Quiz —Form A: One-Digit Divisors*
7. Alternate Quiz —Form B: One-Digit Divisors*
8. Dividing by Multiples of Ten
9. Dividing Whole Numbers I
10. Dividing Whole Numbers II
11. Interpreting the Remainder
12. Quiz: Two-Digit Divisors
13. Alternate Quiz —Form A: Two-Digit Divisors*
14. Alternate Quiz —Form B: Two-Digit Divisors*
15. Dividing by Powers of Ten
16. Dividing Decimals by Whole Numbers
17. Dividing with Money
18. Quiz : Decimal Division
19. Alternate Quiz —Form A: Decimal Division*
20. Alternate Quiz —Form B: Decimal Division*
21. Special Project*
22. Review
23. Test
24. Alternate Test—Form A*
25. Alternate Test—Form B*
26. Glossary and Credits

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Mathematics 500

Unit 4: Algebra and Graphing

Assignments

1. Addition and Subtraction Expressions
2. Multiplication and Division Expressions
3. The Order of Operations
4. Quiz: Expressions
5. Alternate Quiz —Form A: Expressions*
6. Alternate Quiz —Form B: Expressions*
7. Addition and Subtraction Equations
8. Multiplication Equations
9. Functions
10. Numerical Patterns
11. Project: Patterns
12. Quiz: Patterns, Functions, and Equations
13. Alternate Quiz —Form A: Patterns, Functions, and Equations*
14. Alternate Quiz —Form B: Patterns, Functions, and Equations*
15. The Coordinate Plane
16. Graphing Functions
17. Interpreting Graphs
18. Scatterplots
19. Numerical Patterns in a Table/Graph
20. Integers
21. Quiz: Graphing
22. Alternate Quiz —Form A: Graphing*
23. Alternate Quiz —Form B: Graphing*
24. Special Project*
25. Review
26. Test
27. Alternate Test—Form A*
28. Alternate Test—Form B*
29. Glossary and Credits

Mathematics 500

Unit 5: Measurement

Assignments

1. The Metric System
2. Length
3. Mass
4. Capacity
5. Quiz: The Metric System
6. Alternate Quiz —Form A: The Metric System*
7. Alternate Quiz —Form B: The Metric System*
8. Length
9. Weight
10. Capacity
11. Project: Density
12. Quiz: The Customary System
13. Alternate Quiz —Form A: The Customary System*
14. Alternate Quiz —Form B: The Customary System*
15. Time
16. Elapsed Time
17. Temperature
18. Quiz : Time and Temperature
19. Alternate Quiz —Form A: Time and Temperature*
20. Alternate Quiz —Form B: Time and Temperature*
21. Special Project*
22. Review
23. Test
24. Alternate Test—Form A*
25. Alternate Test—Form B*
26. Glossary and Credits

Mathematics 500

Unit 6: Factors and Fractions

Assignments

1. Factors
2. Prime Factorization
3. Greatest Common Factor
4. Quiz: Factors
5. Alternate Quiz —Form A: Factors*
6. Alternate Quiz —Form B: Factors*
7. Fractions
8. Improper Fractions and Mixed Numbers
9. Simplifying Fractions
10. Equivalent Fractions
11. Quiz: Equivalent Fractions
12. Alternate Quiz —Form A: Equivalent Fractions*
13. Alternate Quiz —Form B: Equivalent Fractions*
14. Least Common Multiple
15. Comparing Fractions
16. Fractions and Decimals
17. Rounding Fractions
18. Quiz: Fractions
19. Alternate Quiz —Form A: Fractions*
20. Alternate Quiz —Form B: Fractions*
21. Special Project*
22. Review
23. Test
24. Alternate Test—Form A*
25. Alternate Test—Form B*
26. Glossary and Credits

Mathematics 500

Unit 7: Fraction Operations

Assignments

1. Adding and Subtracting Fractions
2. Adding and Subtracting Mixed Numbers
15. Multiplying Fractions
16. Multiplying Mixed Numbers

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3. Estimating Sums and Differences
4. Quiz: Like Denominators
5. Alternate Quiz—Form A: Like Denominators*
6. Alternate Quiz —Form B: Like Denominators*
7. Adding Fractions
8. Subtracting Fractions
9. Adding Mixed Numbers
10. Subtracting Mixed Numbers
11. Quiz: Unlike Denominators
12. Alternate Quiz —Form A: Unlike Denominators*
13. Alternate Quiz —Form B: Unlike Denominators*
14. Multiplying Whole Numbers and Fractions
17. Dividing Fractions
18. Quiz : Multiplying and Dividing Fractions
19. Alternate Quiz —Form A: Multiplying and Dividing Fractions*
20. Alternate Quiz —Form B: Multiplying and Dividing Fractions*
21. Special Project*
22. Review
23. Test
24. Alternate Test—Form A*
25. Alternate Test—Form B*
26. Glossary and Credits

Mathematics 500

Unit 8: Data Analysis and Probability

Assignments

1. Collecting Data and Frequency Tables
2. Measures of Central Tendency
3. Line Plots
4. Stem-and-Leaf Plots
5. Quiz: Collecting and Analyzing Data
6. Alternate Quiz —Form A: Collecting and Analyzing Data*
7. Alternate Quiz —Form B: Collecting and Analyzing Data*
8. Bar Graphs
9. Line Graphs
10. Choosing the Right Graph
11. Quiz: Displaying Data
12. Alternate Quiz —Form A: Displaying Data*
13. Alternate Quiz —Form B: Displaying Data*
14. Probability
15. Probability as a Fraction
16. Listing Outcomes
17. Making Predictions
18. Quiz : Probability
19. Alternate Quiz —Form A: Probability*
20. Alternate Quiz —Form B: Probability*
21. Special Project*
22. Review
23. Test
24. Alternate Test—Form A*
25. Alternate Test—Form B*
26. Glossary and Credits

Mathematics 500

Unit 9: Geometry

Assignments

1. Geometry Terms
2. Angles
3. Circles
4. Quiz: Geometry
5. Alternate Quiz —Form A: Geometry*
6. Alternate Quiz —Form B: Geometry*
7. Polygons
8. Triangles
9. Quadrilaterals
10. Solid Figures
11. Quiz : Classifying Plane and Solid Figures
12. Alternate Quiz —Form A: Classifying Plane and Solid Figures*
13. Alternate Quiz —Form B: Classifying Plane and Solid Figures*
14. Similar and Congruent Figures
15. Transformations
16. Symmetry
17. Project: Constructions
18. Quiz : Transformations and Symmetry
19. Alternate Quiz —Form A: Transformations and Symmetry*
20. Alternate Quiz —Form B: Transformations and Symmetry*
21. Special Project*
22. Review
23. Test
24. Alternate Test—Form A*
25. Alternate Test—Form B*
26. Glossary and Credits

Mathematics 500

Unit 10: Perimeter, Area, and Volume

Assignments

1. Polygons
2. Regular Polygons
3. Circumference
4. Quiz - Perimeter
5. Alternate Quiz - Form A: Perimeter*
6. Alternate Quiz - Form B: Perimeter*
7. Area
14. Surface Area
15. Volume
16. Solving Volume Problems
17. Project: Solid Figures
18. Quiz - Solid Figures
19. Alternate Quiz - Form A: Solid Figures*
20. Alternate Quiz - Form B: Solid Figures*

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	8. Squares and Rectangles	21. Special Project*
	9. Parallelograms	22. Review
	10. Triangles	23. Test
	11. Quiz - Area	24. Alternate Test - Form A*
	12. Alternate Quiz - Form A: Area*	25. Alternate Test - Form B*
	13. Alternate Quiz - Form B: Area*	26. Glossary and Credits

Math 500	Unit 11: Course Review and Exam	
	Assignments	
	1. Course Review 1	4. Alternate Exam - Form A*
	2. Course Review 2	5. Alternate Exam - Form B*
	3. Exam	

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Mathematics 600 Fundamentals

Math 600 Fundamentals is a full-year elementary math course focusing on number skills and numerical literacy, with an introduction to the number skills needed for algebra. In it, students will gain solid experience with number theory and operations, including decimals and fractions. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to statistical and probability concepts.

By the end of the course, students will be expected to do the following:

- Perform all four operations on whole numbers, decimals, and fractions.
- Factor numbers completely and find greatest common factors.
- Convert between fractions, decimals, and percentages.
- Represent numbers with exponents.
- Calculate perimeters and areas of regular plane shapes and measure angles.
- Plot ordered pairs on coordinate grids.
- Represent data on statistical charts, including picture, bar, line, and circle graphs.
- Calculate probabilities and make predictions.

Mathematics 600 Fundamentals

Unit 1: Whole Numbers and Algebra

Assignments

1. Course Overview
2. Rounding and Estimation
3. Whole Number Operations
4. Real Number Properties
5. Quiz 1: Whole Numbers and Their Properties
6. Alternate Quiz 1: Form A: Whole Numbers and
7. Their Properties*
8. Alternate Quiz 1: Form B: Whole Numbers and
9. Their Properties*
10. Exponents
11. Squares, Cubes, and Roots
12. Order of Operations
13. Number Patterns
14. Quiz 2: Operations and Number Patterns
15. Alternate Quiz 2: Form A: Operations and Number Patterns*
14. Alternate Quiz 2: Form B: Operations and Number Patterns*
15. Variables
16. Expressions
17. Variable Expressions
18. Equations and Mental Math
19. Quiz 3: Algebra
20. Alternate Quiz 3: Form A: Algebra*
21. Alternate Quiz 3: Form B: Algebra*
22. Special Project*
23. Review
24. Test
25. Alternate Test: Form A*
26. Alternate Test: Form B*
27. Glossary and Credits

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Mathematics 600 Fundamentals

Unit 2: Data Analysis

Assignments

1. Collecting Data and the Mean
2. Median, Mode, and Range
3. Describing Data
4. Quiz 1: Collecting and Describing Data
5. Alternate Quiz 1: Form A: Collecting and Describing
6. Data*
7. Alternate Quiz 1: Form B: Collecting and Describing
8. Data*
9. Frequency Tables
10. Histograms
11. Line Plots
12. Stem-and-Leaf Plots
13. Quiz 2: Organizing Data
14. Alternate Quiz 2: Form A: Organizing Data*
15. Alternate Quiz 2: Form B: Organizing Data*
14. Bar Graphs
    Line Graphs
15. Venn Diagrams
16. Vertex-Edge Graphs
17. Quiz 3: Displaying and Interpreting Data
18. Alternate Quiz 3: Form A: Displaying and
19. Interpreting Data*
20. Alternate Quiz 3: Form B: Displaying and
21. Interpreting Data*
22. Special Project*
23. Review
24. Test
25. Alternate Test: Form A*
26. Alternate Test: Form B*
27. Glossary and Credits

Mathematics 600 Fundamentals

Unit 3: Decimals

Assignments

1. Decimals and Place Value
2. Ordering and Comparing
3. Rounding and Estimating
4. Adding and Subtracting
5. Quiz 1: Decimal Numbers
6. Alternate Quiz 1: Form A: Decimal Numbers*
7. Alternate Quiz 1: Form B: Decimal Numbers*
8. Multiplying by Whole Numbers
9. Multiplying by Decimals
10. Dividing by Whole Numbers
11. Dividing by Decimals
12. Quiz 2: Multiplying and Dividing Decimal Numbers
13. Alternate Quiz 2: Form A: Multiplying and Dividing Decimal Numbers*
14. Alternate Quiz 2: Form B: Multiplying and Dividing Decimals and Place Value
15. Length
16. Mass and Capacity
17. Multiplying and Dividing by Powers of Ten
18. Converting Metric Units
19. Quiz 3: The Metric System
20. Alternate Quiz 3: Form A: The Metric System*
21. Alternate Quiz 3: Form B: The Metric System*
22. Special Project*
23. Review
24. Test
25. Alternate Test: Form A*
26. Alternate Test: Form B*
27. Glossary and Credits

Mathematics 600 Fundamentals

Unit 4: Fractions

Assignments

1. Divisibility and Prime Factorization
2. Greatest Common Factor
3. Fractions
4. Equivalent Fractions
5. Quiz 1: Factors and Fractions
6. Alternate Quiz 1: Form A: Factors and Fractions*
7. Alternate Quiz 1: Form B: Factors and Fractions*
8. Least Common Multiple
9. Comparing and Ordering Fractions
10. Improper Fractions and Mixed Numbers
11. Quiz 2: The LCM and Fractions
12. Alternate Quiz 2: Form A: The LCM and Fractions*
13. Alternate Quiz 2: Form B: The LCM and Fractions*
14. Changing Decimals to Fractions
15. Changing Fractions to Decimals
16. Estimating with Fractions
17. Measures of Time
18. Quiz 3: Decimals and Fractions
19. Alternate Quiz 3: Form A: Decimals and Fractions*
20. Alternate Quiz 3: Form B: Decimals and Fractions*
21. Special Project*
22. Review
23. Test
24. Alternate Test: Form A*
25. Alternate Test: Form B*
26. Glossary and Credits

Mathematics 600

Unit 5: Fraction Operations

Assignments

1. Fractions with Like Denominators
2. Fractions with Unlike Denominators
14. Alternate Quiz 2: Form B: Multiplying and Dividing Fractions*

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3. Mixed Numbers
4. Renaming Mixed Numbers
5. Quiz 1: Adding and Subtracting Fractions
6. Alternate Quiz 1: Form A: Adding and Subtracting Fractions*
7. Alternate Quiz 1: Form B: Adding and Subtracting Fractions*
8. Multiplying Fractions
9. Multiplying Mixed Numbers
10. Dividing Fractions
11. Dividing Mixed Numbers
12. Quiz 2: Multiplying and Dividing Fractions
13. Alternate Quiz 2: Form A: Multiplying and Dividing Fractions*
15. Length
16. Weight
17. Capacity
18. Quiz 3: The Customary System
19. Alternate Quiz 3: Form A: The Customary System*
20. Alternate Quiz 3: Form B: The Customary System*
21. Special Project*
22. Review
23. Test
24. Alternate Test: Form A*
25. Alternate Test: Form B*
26. Glossary and Credits

Mathematics 600 Fundamentals

Unit 6: Ratio, Proportion, and Percent

Assignments

1. Ratios
2. Geometry: Circumference
3. Rates
4. Quiz 1: Ratios
5. Alternate Quiz 1: Form A: Ratios*
6. Alternate Quiz 1: Form B: Ratios*
7. Proportions
8. Solving Proportions
9. Scale Drawings
10. Project: Make a Scale Drawing
11. Quiz 2: Proportions
12. Alternate Quiz 2: Form A: Proportions*
13. Alternate Quiz 2: Form B: Proportions*
14. Converting Between Decimals and Percents
15. Converting Between Fractions and Percents
16. Data Analysis: Circle Graphs
17. Percent of a Number
18. Quiz 3: Percent
19. Alternate Quiz 3: Form A: Percent*
20. Alternate Quiz 3: Form B: Percent*
21. Special Project*
22. Review
23. Test
24. Alternate Test: Form A*
25. Alternate Test: Form B*
26. Glossary and Credits

Mathematics 600 Fundamentals

Unit 7: Probability and Geometry

Assignments

1. Introduction to Probability
2. Complementary Events
3. Sample Space
4. Project: Theoretical vs. Experimental Probability
5. Quiz 1: Probability
6. Alternate Quiz 1: Form A: Probability*
7. Alternate Quiz 1: Form B: Probability*
8. Introduction to Geometry
9. Measuring and Classifying Angles
10. Angle Relationships
11. Quiz 2: Geometry: Angles
12. Alternate Quiz 2: Form A: Geometry: Angles*
13. Alternate Quiz 2: Form B: Geometry: Angles*
14. Triangles
15. Quadrilaterals
16. Polygons
17. Congruent and Similar Figures
18. Quiz 3: Geometry: Polygons
19. Alternate Quiz 3: Form A: Geometry: Polygons*
20. Alternate Quiz 3: Form B: Geometry: Polygons*
21. Special Project*
22. Review
23. Test
24. Alternate Test: Form A*
25. Alternate Test: Form B*
26. Glossary and Credits

Mathematics 600 Fundamentals

Unit 8: Geometry and Measurement

Assignments

1. Perimeter
2. Area of Parallelograms
3. Area of Triangles
4. Area of Composite Figures
5. Area of Circles
6. Project: Estimating Area
7. Quiz 1: Plane Figures
13. Finding Missing Dimensions
14. Project: Triangular Prisms
15. Quiz 2: Solid Figures
16. Alternate Quiz 2: Form A: Solid Figures*
17. Alternate Quiz 2: Form B: Solid Figures*
18. Special Project*
19. Review

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	8. Alternate Quiz 1: Form A: Plane Figures*	20. Test
	9. Alternate Quiz 1: Form B: Plane Figures*	21. Alternate Test: Form A*
	10. Solid Figures	22. Alternate Test: Form B*
	11. Surface Area of Rectangular Prisms	23. Glossary and Credits
	12. Volume of Rectangular Prisms	

Mathematics 600 Fundamentals	Unit 9: Integers and Transformations	
	Assignments	
	1. Integers	14. Alternate Quiz 2: Form B: Integer Operations*
	2. Comparing and Ordering Integers	15. Translations
	3. Absolute Value	16. Reflections and Rotations
	4. Coordinate Plane	17. Line Symmetry
	5. Quiz 1: Integers	18. Quiz 3: Transformations
	6. Alternate Quiz 1: Form A: Integers*	19. Alternate Quiz 3: Form A: Transformations*
	7. Alternate Quiz 1: Form B: Integers*	20. Alternate Quiz 3: Form B: Transformations*
	8. Addition	21. Special Project*
	9. Subtraction	22. Review
	10. Multiplication	23. Test
	11. Division	24. Alternate Test: Form A*
	12. Quiz 2: Integer Operations	25. Alternate Test: Form B*
	13. Alternate Quiz 2:Form A: Integer Operations*	26. Glossary and Credits

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Mathematics 600 Fundamentals

Unit 10: Equations and Functions

Assignments

1. Equations
2. Writing Equations
3. Addition Equations
4. Subtraction Equations
5. Quiz 1: Equations
6. Alternate Quiz 1: Form A: Equations*
7. Alternate Quiz 1: Form B: Equations*
8. Multiplication Equations
9. Division Equations
10. Inequalities
11. Graphing Inequalities
12. Quiz 2: More Equations and Inequalities
13. Alternate Quiz 2: Form A: More Equations and Inequalities*
14. Alternate Quiz 2: Form B: More Equations and Inequalities*
15. Functions
16. Function Rules
17. Graphing Functions
18. Quiz 3: Functions
19. Alternate Quiz 3: Form A: Functions*
20. Alternate Quiz 3: Form B: Functions*
21. Special Project*
22. Review
23. Test
24. Alternate Test: Form A*
25. Alternate Test: Form B*
26. Glossary and Credits

M600F

Unit 11: Course Review and Exam

Assignments

1. Course Review 1
2. Course Review 2
3. Exam
4. Alternate Exam: Form A*
5. Alternate Exam: Form B*

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Mathematics 600

Math 600 is a full-year elementary math course focusing on number skills and numerical literacy, with an introduction to rational numbers and the skills needed for algebra. In it, students will gain solid experience with number theory and operations, including decimals and fractions. This course also integrates ratio relationships and proportional reasoning throughout the units, as well as introduces students to geometric and statistical concepts.

- **Unit 1:** Identify, compare, and calculate problems with decimal numbers.
- **Unit 2:** Identify, reduce, compare, and represent fractions.
- **Unit 3:** Use division to solve problems involving fractions.
- **Unit 4:** Use ratios to solve problems, interpret data, and make comparisons.
- **Unit 5:** Use rates and percentages to solve problems.
- **Unit 6:** Calculate the measurements of geometric shapes.
- **Unit 7:** Identify and use rational numbers and their opposites.
- **Unit 8:** Identify, use, and compare expressions.
- **Unit 9:** Translate, write, and solve equations involving addition, subtraction, multiplication, and division.
- **Unit 10:** Interpret and describe data presented in various graphs.
- **Unit 11:** Review skills and concepts from throughout the course.

Mathematics 600

Unit 1: Decimals

Assignments

1. Course Overview
2. Decimals and Place Value
3. Comparing and Ordering Decimals
4. Rounding and Estimating
5. Adding and Subtracting
6. Quiz - Decimal Numbers
7. Alternate Quiz - Form A: Decimal Numbers*
8. Alternate Quiz - Form B: Decimal Numbers*
9. The Distributive Property and Multiplying
10. Multiplying by Whole Numbers
11. Multiplying by Decimals
12. Project: Decimals Performance Task A
13. Quiz: Multiplying Whole Numbers and Decimals
14. Alternate Quiz —Form A: Multiplying Whole Numbers and Decimals*
15. Alternate Quiz —Form B: Multiplying Whole Numbers and Decimals*
16. Dividing
17. Dividing by Whole Numbers
18. Multiplying and Dividing by Powers of Ten
19. Dividing by Decimals
20. Converting Metric Units
21. Project: Decimals Performance Task B
22. Quiz: Dividing, Powers of Ten, and Metric Units
23. Alternate Quiz—Form A: Dividing, Powers of Ten, and Metric Units
24. Alternate Quiz—Form B: Dividing, Powers of Ten, and Metric Units
25. Special Project*
26. Review
27. Test
28. Alternate Test - Form A*
29. Alternate Test - Form B*
30. Glossary and Credits

Mathematics 600

Unit 2: Fractions

Assignments

1. Divisibility and Prime Factorization
2. Greatest Common Factor
16. Estimating with Fractions
17. Multiplying Fractions

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3. Fractions
4. Equivalent Fractions
5. Quiz: Factors and Fractions
6. Alternate Quiz—Form A: Factors and Fractions*
7. Alternate Quiz—Form B: Factors and Fractions*
8. Least Common Multiple
9. Project: Fractions Performance Task A
10. Comparing and Ordering Fractions
11. Improper Fractions and Mixed Numbers
12. Fractions and Decimals
13. Quiz: The LCM and Fractions
14. Alternate Quiz—Form A: The LCM and Fractions*
15. Alternate Quiz—Form B: The LCM and Fractions*
18. Multiplying Mixed Numbers
19. Project: Fractions Performance Task B
20. Quiz: Estimating and Multiplying Fractions
21. Alternate Quiz—Form A: Estimating and Multiplying Fractions*
22. Alternate Quiz—Form B: Estimating and Multiplying Fractions*
23. Special Project*
24. Review
25. Test
26. Alternate Test—Form A*
27. Alternate Test—Form B*
28. Glossary and Credits

Mathematics 600

Unit 3: Dividing Fractions

Assignments

1. Dividing with Unit Fractions
2. Dividing Whole Numbers by Fractions
3. Dividing Fractions by Whole Numbers
4. Dividing Fractions by Fractions
5. Project: Dividing Fractions Performance Task A
6. Quiz: Dividing with Fractions Using a Visual Model
7. Alternate Quiz—Form A: Dividing with Fractions Using a Visual Model*
8. Alternate Quiz—Form B: Dividing with Fractions Using a Visual Model*
9. Dividing Fractions
10. Dividing Mixed Numbers
11. Division in Real Life
12. Project: Dividing Fractions Performance Task B
13. Quiz: Dividing Fractions Using an Equation
14. Alternate Quiz—Form A: Dividing Fractions Using an Equation*
15. Alternate Quiz—Form B: Dividing Fractions Using an Equation*
16. Special Project*
17. Review
18. Test
19. Alternate Test—Form A*
20. Alternate Test—Form B*
21. Glossary and Credits

Mathematics 600

Unit 4: Ratios

Assignments

1. Ratios
2. Equivalent Ratios
3. Solving Ratio Problems
4. More Ratio Problems
5. Project: Ratios Performance Task A
6. Quiz: Introduction to Ratios
7. Alternate Quiz—Form A: Introduction to Ratios*
8. Alternate Quiz—Form B: Introduction to Ratios*
9. The Value of a Ratio
10. Comparing Ratios
11. Double Number Lines
12. Equations
13. Project: Ratios Performance Task B
14. Quiz: Using the Value of a Ratio
15. Alternate Quiz—Form A: Using the Value of a Ratio*
16. Alternate Quiz—Form B: Using the Value of a Ratio*
17. Special Project*
18. Review
19. Test
20. Alternate Test—Form A*
21. Alternate Test—Form B*
22. Glossary and Credits

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Mathematics 600

Unit 5: Rates and Percent

Assignments

1. Rates
2. Rates and Ratios
3. Solving Rate Problems
4. Quiz: Rates
5. Alternate Quiz—Form A: Rates*
6. Alternate Quiz—Form B: Rates*
7. Converting Measurement
8. Comparison Shopping
9. Speed and Work Problems
10. Project: Rates and Percent Performance Task A
11. Quiz: Applying Ratios and Rates
12. Alternate Quiz —Form A: Applying Ratios and Rates*
13. Alternate Quiz —Form B: Applying Ratios and Rates*
14. Percents and Fractions
15. Percents and Decimals
16. Percent of a Number
17. Solving Percent Problems
18. Project: Job, Salary, and Lifetime Income
19. Project: Rates and Percent Performance Task B
20. Quiz: Percents
21. Alternate Quiz—Form A: Percents*
22. Alternate Quiz—Form B: Percents*
23. Special Project*
24. Review
25. Test
26. Alternate Test—Form A*
27. Alternate Test—Form B*
28. Glossary and Credits

Mathematics 600

Unit 6: Geometry and Measure

Assignments

1. Polygons
2. Area of a Parallelogram
3. Area of Triangles
4. Area of Composite Figures
5. Project: Geometry and Measurement Performance Task A
6. Quiz: Plane Figures
7. Alternate Quiz —Form A: Plane Figures*
8. Alternate Quiz —Form B: Plane Figures*
9. Solid Figures
10. Volume
11. More Volume
12. Quiz: Solid Figures and Volume
13. Alternate Quiz —Form A: Solid Figures and Volume*
14. Alternate Quiz —Form B: Solid Figures and Volume*
15. Surface Area of Rectangular Prisms
16. Surface Area of Triangular Prisms
17. Surface Area of Pyramids
18. Project: Geometry and Measurement Performance Task B
19. Quiz: Solid Figures and Surface Area
20. Alternate Quiz —Form A: Solid Figures and Surface Area*
21. Alternate Quiz —Form B: Solid Figures and Surface Area*
22. Special Project*
23. Review
24. Test
25. Alternate Test—Form A*
26. Alternate Test—Form B*
27. Glossary and Credits
28. Surface Area of Rectangular Prisms

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Mathematics 600

Unit 7: Rational Numbers

Assignments

1. Integers
2. Integers in Real Life
3. The Opposite of a Number
4. Rational Numbers
5. Quiz: Rational Numbers
6. Alternate Quiz —Form A: Rational Numbers*
7. Alternate Quiz —Form B: Rational Numbers*
8. Comparing Integers and Rational Numbers
9. Ordering Integers and Rational Numbers
10. Absolute Value
11. Ordering and Absolute Value in Real Life
12. Project: Rational Numbers Performance Task A
13. Quiz: Comparing, Ordering, and Absolute Value
14. Alternate Quiz —Form A: Comparing, Ordering, and Absolute Value*
15. Alternate Quiz —Form B: Comparing, Ordering, and Absolute Value*
16. The Coordinate Plane
17. Reflections on the Coordinate Plane
18. Distance on the Coordinate Plane
19. Polygons on the Coordinate Plane
20. Project: Rational Numbers Performance Task B
21. Quiz : The Coordinate Plane
22. Alternate Quiz —Form A: The Coordinate Plane*
23. Alternate Quiz —Form B: The Coordinate Plane*
24. Special Project*
25. Review
26. Test
27. Alternate Test—Form A*
28. Alternate Test—Form B*
29. Glossary and Credits

Mathematics 600

Unit 8: Numerical and Algebraic Expressions

Assignments

1. Real Number Properties
2. Exponents
3. Squares, Cubes, and Roots
4. Order of Operations
5. Project: Numerical and Algebraic Expressions Performance Task A
6. Quiz : Numerical Expressions
7. Alternate Quiz —Form A: Numerical Expressions*
8. Alternate Quiz —Form B: Numerical Expressions*
9. Variables
10. Expressions
11. Simplifying Algebraic Expressions
12. More Simplifying Algebraic Expressions
13. Quiz: Algebraic Expressions
14. Alternate Quiz —Form A: Algebraic Expressions*
15. Alternate Quiz —Form B: Algebraic Expressions*
16. The Distributive Property
17. Factoring Expressions
18. Project: Numerical and Algebraic Expressions Performance Task B
19. Equations and Mental Math
20. Quiz: Expressions and Equations
21. Alternate Quiz —Form A: Expressions and Equations*
22. Alternate Quiz —Form B: Expressions and Equations*
23. Special Project*
24. Review
25. Test
26. Alternate Test—Form A*
27. Alternate Test—Form B*
28. Glossary and Credits

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Mathematics 600

Unit 9: Equations and Functions

Assignments

1. Equations
2. Writing Equations
3. Addition Equations
4. Subtraction Equations
5. Problem Set - Subtraction
6. Quiz : Equations
7. Alternate Quiz —Form A: Equations*
8. Alternate Quiz —Form B: Equations*
9. Multiplication Equations
10. Division Equations
11. Inequalities
12. Graphing Inequalities
13. Project: Equations and Functions Performance Task A
14. Quiz: More Equations and Inequalities
15. Alternate Quiz —Form A: More Equations and Inequalities*
16. Alternate Quiz —Form B: More Equations and Inequalities*
17. Functions
18. Function Rules
19. Graphing Functions
20. Proportional Relationships
21. Project: Equations and Functions Performance Task B
22. Quiz: Functions
23. Alternate Quiz —Form A: Functions*
24. Alternate Quiz —Form B: Functions*
25. Special Project*
26. Review
27. Test
28. Alternate Test—Form A*
29. Alternate Test—Form B*
30. Glossary and Credits

Mathematics 600

Unit 10: Data Analysis

Assignments

1. Collecting Data and the Mean
2. Median, Mode, and Range
3. Describing Data
4. Mean Absolute Deviation
5. Project: Data Analysis Performance Task A
6. Quiz: Collecting and Describing Data
7. Alternate Quiz —Form A: Collecting and Describing Data*
8. Alternate Quiz —Form B: Collecting and Describing Data*
9. Frequency Tables
10. Histograms
11. Dot Plots
12. Stem-and-Leaf Plots
13. Quiz: Organizing Data
14. Alternate Quiz —Form A: Organizing Data*
15. Alternate Quiz —Form B: Organizing Data*
16. Box Plots
17. More Box Plots
18. Summarizing Data Sets
19. Project: Paying for College
20. Project: Data Analysis Performance Task B
21. Quiz: Displaying and Interpreting Data
22. Alternate Quiz —Form A: Displaying and Interpreting Data*
23. Alternate Quiz —Form B: Displaying and Interpreting Data*
24. Special Project*
25. Review
26. Test
27. Alternate Test—Form A*
28. Alternate Test—Form B*
29. Glossary and Credits

Math 600

Unit 11: Course Review and Exam

Assignments

1. Course Review 1
2. Course Review 2
3. Exam
4. Alternate Exam—Form A*
5. Alternate Exam—Form B*
6. Alternate Exam—Form C*

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Mathematics 700 Fundamentals

Mathematics 700 Fundamentals is designed to prepare junior-high students for Pre-algebra. This course focuses on strengthening needed skills in problem solving, number sense, and proportional reasoning. It also introduces students to integers, equations, and geometric concepts. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

- **Integers**: Students will learn how to locate, add, subtract, multiply, and divide integers to solve word problems, as well as compare integers using absolute value and the order of operation.
- **Fractions**: Students will understand how fractions can be written into other forms without changing their value, and how to add, subtract, multiply, and divide fractions.
- **Decimals**: Students will explore how to rewrite fractions as decimals, and how to use decimals to solve real-world problems.
- **Patterns and Equations**: Students will learn how to translate words into equations and use them to solve number patterns.
- **Ratios and Proportions**: Students will explore how to use ratios to compare numbers, solve proportions, and convert between percents, decimals, and fractions.
- **Probability and Graphing**: Students will be able to determine the probability of an event, and if they are independent or dependent events, as well as create a graph of an equation.
- **Data Analysis**: Students will learn how to interpret statistics using stem-and-leaf plots, histograms, and other graphical means.
- **Geometry**: Students will explore how points, lines, and planes interact and how to solve equations using their information.
- **Measurement and Area**: Students will learn about finding perimeters and areas of different polygons, and using the Pythagorean theorem to solve problems.
- **Surface Area and Volume**: Students will explore three-dimensional figures and how to find their surface area, volume of them.

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Mathematics 700 Fundamentals

Unit 1: Integers

Assignments

1. Course Overview
2. Integers on the Number Line
3. Comparing and Ordering Integers
4. Absolute Value
5. Quiz 1: Integers
6. Alternate Quiz 1 - Form A: Integers*
7. Alternate Quiz 1 - Form B: Integers*
8. Adding Integers with the Same Sign
9. Adding Integers with Different Signs
10. Subtracting Integers
11. Quiz 2: Adding and Subtracting Integers
12. Alternate Quiz 2 - Form A: Adding and Subtracting Integers*
13. Alternate Quiz 2 - Form B: Adding and Subtracting Integers*
14. Multiplying Integers
15. Dividing Integers
16. Using Integers
17. Quiz 3: Multiplying and Dividing Integers
18. Alternate Quiz 3 - Form A: Multiplying and Dividing Integers*
19. Alternate Quiz 3 - Form B: Multiplying and Dividing Integers*
20. The Real Number System
21. Real Number Properties
22. The Distributive Property
23. Order of Operations
24. Exponents and the Order of Operations
25. Quiz 4: The Real Number System
26. Alternate Quiz 4 - Form A: The Real Number System*
27. Alternate Quiz 4 - Form B: The Real Number System*
28. Special Project*
29. Review
30. Test
31. Alternate Test - Form A*
32. Alternate Test - Form B*
33. Glossary and Credits

Mathematics 700 Fundamentals

Unit 2: Fractions

Assignments

1. Fractions and Mixed Numbers
2. Equivalent Fractions
3. Divisibility Rules and Prime Factorization
4. Greatest Common Factor and Least Common Multiple
5. Quiz 1: Working with Fractions
6. Alternate Quiz 1 - Form A: Working with Fractions*
7. Alternate Quiz 1 - Form B: Working with Fractions*
8. Adding and Subtracting Fractions with Like Denominators
9. Adding and Subtracting Fractions with Unlike Denominators
10. Reducing Fractions
11. Quiz 2: Adding and Subtracting Fractions
12. Alternate Quiz 2 - Form A: Adding and Subtracting Fractions*
13. Alternate Quiz 2 - Form B: Adding and Subtracting Fractions*
14. Comparing and Ordering Fractions
15. Multiplying Fractions
16. Dividing Fractions
17. Quiz 3: Multiplying and Dividing Fractions
18. Alternate Quiz 3 - Form A: Multiplying and Dividing Fractions*
19. Alternate Quiz 3 - Form B: Multiplying and Dividing Fractions*
20. Project: Chef for a Day
21. Special Project*
22. Review
23. Test
24. Alternate Test - Form A*
25. Alternate Test - Form B*
26. Glossary and Credits

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Mathematics 700 Fundamentals

Unit 3: Decimals

Assignments

1. Comparing and Ordering Decimals
2. Rounding and Estimating Decimals
3. Adding and Subtracting Decimals
4. Multiplying and Dividing Decimals
5. Quiz 1: Decimals and Their Operations
6. Alternate Quiz 1 - Form A: Decimals and Their Operations*
7. Alternate Quiz 1 - Form B: Decimals and Their Operations*
8. Terminating and Repeating Decimals
9. Fractions as Decimals
10. Using Decimals
11. Scientific Notation
12. The Metric System
13. Quiz 2: Applying Decimals
14. Alternate Quiz 2 - Form A: Applying Decimals*
15. Alternate Quiz 2 - Form B: Applying Decimals*
16. Special Project*
17. Review
18. Test
19. Alternate Test - Form A*
20. Alternate Test - Form B*
21. Glossary and Credits

Mathematics 700 Fundamentals

Unit 4: Patterns and Equations

Assignments

1. Working with Variables and Expressions
2. Translating Word Sentences
3. Evaluating Expressions
4. Using Formulas to Solve Problems
5. Quiz 1: Variable Expressions
6. Alternate Quiz 1 - Form A: Variable Expressions*
7. Alternate Quiz 1 - Form B: Variable Expressions*
8. Identifying Number Patterns
9. Describing Number Patterns
10. Identifying Functions
11. Identifying Function Rules
12. Quiz 2: Patterns and Functions
13. Alternate Quiz 2 - Form A: Patterns and Functions*
14. Alternate Quiz 2 - Form B: Patterns and Functions*
15. Solving Equations Using Mental Math
16. Solving Equations Using Addition and Subtraction
17. Solving Equations Using Multiplication and Division
18. Quiz 3: Solving Equations
19. Alternate Quiz 3 - Form A: Solving Equations*
20. Alternate Quiz 3 - Form B: Solving Equations*
21. Solving Two-Step Equations
22. Working with Inequalities
23. Solving One-Step Inequalities
24. Quiz 4: Equations and Inequalities
25. Alternate Quiz 4 - Form A: Equations and Inequalities*
26. Alternate Quiz 4 - Form B: Equations and Inequalities*
27. Special Project*
28. Review
29. Test
30. Alternate Test - Form A*
31. Alternate Test - Form B*
32. Glossary and Credits

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Mathematics 700 Fundamentals

Unit 5: Ratios and Proportions

Assignments

1. Ratios
2. Rates
3. Proportions
4. Quiz 1: Ratios, Rates, and Proportions
5. Alternate Quiz 1 - Form A: Ratios, Rates, and Proportions*
6. Alternate Quiz 1 - Form B: Ratios, Rates, and Proportions*
7. Converting Customary Units
8. Converting Metric Units
9. Similarity
10. Scale Drawings
11. Quiz 2: Using Proportions
12. Alternate Quiz 2 - Form A: Using Proportions*
13. Alternate Quiz 2 - Form B: Using Proportions*
14. Converting Between Fractions, Decimals, and Percents
15. Percent of a Number
16. Percent of Change
17. Solving Percent Problems Using Proportions
18. Solving Percent Problems Using Equations
19. Quiz 3: Fractions, Decimals, and Percents
20. Alternate Quiz 3 - Form A: Fractions, Decimals, and Percents*
21. Alternate Quiz 3 - Form B: Fractions, Decimals, and Percents*
22. Special Project*
23. Review
24. Test
25. Alternate Test - Form A*
26. Alternate Test - Form B*
27. Glossary and Credits

Mathematics 700 Fundamentals

Unit 6: Probability and Graphing

Assignments

1. Theoretical Probability
2. Experimental Probability
3. Sample Space
4. Independent and Dependent Events
5. Quiz 1: Probability
6. Alternate Quiz 1 - Form A: Probability*
7. Alternate Quiz 1 - Form B: Probability*
8. Graphing Ordered Pairs
9. Graphing Linear Equations
10. Slope
11. Direct Variation
12. Quiz 2: Functions
13. Alternate Quiz 2 - Form A: Functions*
14. Alternate Quiz 2 - Form B: Functions*
15. Special Project*
16. Review
17. Test
18. Alternate Test - Form A*
19. Alternate Test - Form B*
20. Glossary and Credits

Mathematics 700 Fundamentals

Unit 7: Data Analysis

Assignments

1. Collecting Data
2. Determining Mean, Median, and Mode
3. Using Mean, Median, and Mode
4. Using Range
5. Quiz 1: Describing Data
6. Alternate Quiz 1 - Form A: Describing Data*
7. Alternate Quiz 1 - Form B: Describing Data*
8. Box-and-Whisker Plots
9. Stem-and-Leaf Plots
10. Histograms
11. Other Graphs
12. Quiz 2: Organizing Data
13. Alternate Quiz 2 - Form A: Organizing Data*
14. Alternate Quiz 2 - Form B: Organizing Data*
15. Line Graphs
16. Bar Graphs
17. Circle Graphs
18. Scatter Plots
19. Quiz 3: Graphing Data and Making Predictions
20. Alternate Quiz 3 - Form A: Graphing Data and Making Predictions*
21. Alternate Quiz 3 - Form B: Graphing Data and Making Predictions*
22. Special Project*
23. Review
24. Test
25. Alternate Test - Form A*
26. Alternate Test - Form B*
27. Glossary and Credits

Mathematics 700

Unit 8: Geometry

Assignments

1. Introduction to Geometry
2. Special Pairs of Angles
15. Symmetry
16. Reflections

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3. Polygons
4. Circles
5. Quiz 1: Basic Geometry
6. Alternate Quiz 1 - Form A: Basic Geometry*
7. Alternate Quiz 1 - Form B: Basic Geometry*
8. Project: Inscribed Polygons
9. Triangles
10. Quadrilaterals
11. Similar Polygons
12. Quiz 2: Classifying Polygons
13. Alternate Quiz 2 - Form A: Classifying Polygons*
14. Alternate Quiz 2 - Form B: Classifying Polygons*
17. Translations
18. Compound Transformations
19. Quiz 3: Transformations
20. Alternate Quiz 3 - Form A: Transformations*
21. Alternate Quiz 3 - Form B: Transformations*
22. Special Project*
23. Review
24. Test
25. Alternate Test - Form A*
26. Alternate Test - Form B*
27. Glossary and Credits

Mathematics 700 Fundamentals

Unit 9: Measurement and Area

Assignments

1. Perimeter
2. Circumference
3. Composite Figures
4. Quiz 1: Perimeter
5. Alternate Quiz 1 - Form A: Perimeter*
6. Alternate Quiz 1 - Form B: Perimeter*
7. Area of Parallelograms
8. Area of Triangles and Trapezoids
9. Area of Circles
10. Area of Composite Figures
11. Dimension Changes
12. Quiz 2: Area
13. Alternate Quiz 2 - Form A: Area*
14. Alternate Quiz 2 - Form B: Area*
15. Squares and Square Roots
16. The Pythagorean Theorem
17. Applying the Pythagorean Theorem
18. Quiz 3: The Pythagorean Theorem
19. Alternate Quiz 3 - Form A: The Pythagorean Theorem*
20. Alternate Quiz 3 - Form B: The Pythagorean Theorem*
21. Special Project*
22. Review
23. Test
24. Alternate Test - Form A*
25. Alternate Test - Form B*
26. Glossary and Credits

Mathematics 700 Fundamentals

Unit 10: Surface Area and Volume

Assignments

1. Classifying and Identifying Solids
2. Nets
3. Surface Area and Volume
4. Quiz 1: Solids
5. Alternate Quiz 1 - Form A: Solids*
6. Alternate Quiz 1 - Form B: Solids*
7. Surface Area of Rectangular Prisms
8. Volume of Rectangular Prisms
9. Surface Area of Triangular Prisms
10. Volume of Triangular Prisms
11. Quiz 2: Prisms
12. Alternate Quiz 2 - Form A: Prisms*
13. Alternate Quiz 2 - Form B: Prisms*
14. Surface Area of Cylinders
15. Volume of Cylinders
16. Dimension Changes
17. Quiz 3: Cylinders
18. Alternate Quiz 3 - Form A: Cylinders*
19. Alternate Quiz 3 - Form B: Cylinders*
20. Special Project*
21. Review
22. Test
23. Alternate Test - Form A*
24. Alternate Test - Form B*
25. Glossary and Credits

M700F

Unit 11: Course Review and Exam

Assignments

1. Course Review 1
2. Course Review 2
3. Exam
4. Alternate Exam - Form A*
5. Alternate Exam - Form B*

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Mathematics 700

Mathematics 700 is designed to prepare junior-high students for Pre-algebra. This course focuses on strengthening needed skills in problem solving, number sense, and proportional reasoning. It also introduces students to integers, equations, and geometric concepts. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

- **Integers**: Students will learn how to locate, add, subtract, multiply, and divide integers to solve word problems, as well as compare integers using absolute value and the order of operation.
- **Fractions**: Students will understand how fractions can be written into other forms without changing their value, and how to add, subtract, multiply, and divide fractions.
- **Decimals**: Students will explore how to rewrite fractions as decimals, and how to use decimals to solve real-world problems.
- **Patterns and Equations**: Students will learn how to translate words into equations and use them to solve number patterns.
- **Ratios and Proportions**: Students will explore how to use ratios to compare numbers, solve proportions, and convert between percents, decimals, and fractions.
- **Probability and Graphing**: Students will be able to determine the probability of an event, and if they are independent or dependent events, as well as create a graph of an equation.
- **Data Analysis**: Students will learn how to interpret statistics using stem-and-leaf plots, histograms, and other graphical means.
- **Geometry**: Students will explore how points, lines, and planes interact and how to solve equations using their information.
- **Measurement and Area**: Students will learn about finding perimeters and areas of different polygons, and using the Pythagorean theorem to solve problems.
- **Surface Area and Volume**: Students will explore three-dimensional figures and how to find their surface area, volume of them.

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Mathematics 700

Unit 1: Integers

Assignments

1. Course Overview
2. Integers on the Number Line
3. Comparing and Ordering Integers
4. Absolute Value
5. Quiz 1: Integers
6. Alternate Quiz 1—Form A: Integers*
7. Alternate Quiz 1—Form B: Integers*
8. Adding Integers with the Same Sign
9. Adding Integers with Different Signs
10. Subtracting Integers
11. Quiz 2: Adding and Subtracting Integers
12. Alternate Quiz 2—Form A: Adding and Subtracting Integers*
13. Alternate Quiz 2—Form B: Adding and Subtracting Integers*
14. Multiplying Integers
15. Dividing Integers
16. Using Integers
17. Performance Task
18. Quiz 3: Multiplying and Dividing Integers
19. Alternate Quiz 3—Form A: Multiplying and Dividing Integers*
20. Alternate Quiz 3—Form B: Multiplying and Dividing Integers*
21. The Real Number System
22. Real Number Properties
23. The Distributive Property
24. Order of Operations
25. Exponents and the Order of Operations
26. Performance Task
27. Quiz 4: The Real Number System*
28. Alternate Quiz 4—Form A: The Real Number System*
29. Alternate Quiz 4—Form B: The Real Number System*
30. Special Project*
31. Review
32. Test
33. Alternate Test—Form A*
34 Alternate Test—Form B*
35. Glossary and Credits

Mathematics 700

Unit 2: Fractions

Assignments

1. Fractions and Mixed Numbers
2. Equivalent Fractions
3. Divisibility Rules and Prime Factorization
4. Greatest Common Factor and Least Common Multiple
5. Quiz 1: Working with Fractions
6. Alternate Quiz 1 - Form A: Working with Fractions*
7. Alternate Quiz 1 - Form B: Working with Fractions*
8. Adding and Subtracting Fractions with Like Denominators
9. Adding and Subtracting Fractions with Unlike Denominators
10. Reducing Fractions
11. Performance Task*
12. Quiz 2: Adding and Subtracting Fractions
13. Alternate Quiz 2 - Form A: Adding and Subtracting Fractions*
14. Alternate Quiz 2 - Form B: Adding and Subtracting Fractions*
15. Comparing and Ordering Fractions
16. Multiplying Fractions
17. Dividing Fractions
18. Performance Task
19. Quiz 3: Multiplying and Dividing Fractions
20. Alternate Quiz 3 - Form A: Multiplying and Dividing Fractions*
21. Alternate Quiz 3 - Form B: Multiplying and Dividing Fractions*
22. Project: Chef for a Day
23. Special Project*
24. Review
25. Test
26. Alternate Test - Form A*
27. Alternate Test - Form B*
28. Glossary and Credits

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Mathematics 700

Unit 3: Decimals

Assignments

1. Comparing and Ordering Decimals
2. Rounding and Estimating Decimals
3. Adding and Subtracting Decimals
4. Multiplying and Dividing Decimals
5. Performance Task*
6. Quiz 1: Decimals and Their Operations
7. Alternate Quiz 1 - Form A: Decimals and Their Operations*
8. Alternate Quiz 1 - Form B: Decimals and Their Operations*
9. Terminating and Repeating Decimals
10. Fractions as Decimals
11. Using Decimals
12. Performance Task
13. Scientific Notation
14. The Metric System
15. Quiz 2: Applying Decimals
16. Alternate Quiz 2 - Form A: Applying Decimals*
17. Alternate Quiz 2 - Form B: Applying Decimals*
18. Special Project*
19. Review
20. Test
21. Alternate Test - Form A*
22. Alternate Test - Form B*
23. Glossary and Credits

Mathematics 700

Unit 4: Patterns and Equations

Assignments

1. Working with Variables and Expressions
2. Adding and Subtracting Algebraic Expressions
3. Expanding and Factoring Variable Expressions
4. Evaluating Expressions
5. Using Formulas to Solve Problems
6. Performance Task
7. Quiz 1: Variable Expressions
8. Alternate Quiz 1—Form A: Variable Expressions*
9. Alternate Quiz 1—Form B: Variable Expressions*
10. Identifying Number Patterns
11. Describing Number Patterns
12. Identifying Functions
13. Identifying Function Rules
14. Quiz 2: Patterns and Functions
15. Alternate Quiz 2—Form A: Patterns and Functions*
16. Alternate Quiz 2—Form B: Patterns and Functions*
17. Translating Word Sentences
18. Solving Equations Using Mental Math
19. Solving Equations Using Addition and Subtraction
20. Solving Equations Using Multiplication and Division
21. Quiz 3: Solving Equations
22. Alternate Quiz 3—Form A: Solving Equations*
23. Alternate Quiz 3—Form B: Solving Equations*
24. Solving Two-Step Equations
25. Working with Inequalities
26. Solving One-Step Inequalities
27. Solving Two-Step Inequalities
28. Performance Task
29. Quiz 4: Equations and Inequalities
30. Alternate Quiz 4—Form A: Equations and Inequalities*
31. Alternate Quiz 4—Form B: Equations and Inequalities*
32. Special Project*
33. Review
34. Test
35. Alternate Test—Form A*
36. Alternate Test—Form B *
37. Glossary and Credits

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Mathematics 700

Unit 5: Ratios and Proportions

Assignments

1. Ratios
2. Rates
3. Proportions
4. Quiz 1: Ratios, Rates, and Proportions
5. Alternate Quiz 1: Form A: Ratios, Rates, and Proportions*
6. Alternate Quiz 1: Form B: Ratios, Rates, and Proportions*
7. Converting Customary Units
8. Converting Metric Units
9. Similarity
10. Scale Drawings
11. Performance Task
12. Quiz 2: Using Proportions
13. Alternate Quiz 2: Form A: Using Proportions*
14. Alternate Quiz 2: Form B: Using Proportions*
15. Converting Between Fractions, Decimals, and Percents
16. Percent of a Number
17. Percent of Change
18. Solving Percent Problems Using Proportions
19. Solving Percent Problems Using Equations
20. Performance Task
21. Quiz 3: Fractions, Decimals, and Percents
22. Alternate Quiz 3: Form A: Fractions, Decimals, and Percents*
23. Alternate Quiz 3: Form B: Fractions, Decimals, and Percents*
24. Special Project*
25. Review
26. Test
27. Alternate Test: Form A*
28. Alternate Test: Form B*
29. Glossary and Credits

Mathematics 700

Unit 6: Probability and Graphing

Assignments

1. Theoretical Probability
2. Experimental Probability
3. Sample Space
4. Performance Task
5. Independent and Dependent Events
6. Quiz 1: Probability
7. Alternate Quiz 1: Form A: Probability*
8. Alternate Quiz 1: Form B: Probability*
9. Graphing Ordered Pairs
10. Graphing Linear Equations
11. Slope
12. Direct Variation
13. Performance Task
14. Quiz 2: Functions
15. Alternate Quiz 2: Form A: Functions*
16. Alternate Quiz 2: Form B: Functions*
17. Special Project*
18. Review
19. Test
20. Alternate Test: Form A*
21. Alternate Test: Form B*
22. Glossary and Credits

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Mathematics 700

Unit 7: Data Analysis

Assignments

1. Collecting Data
2. Determining Mean, Median, and Mode
3. Using Mean, Median, and Mode
4. Using Range
5. Mean Absolute Deviation
6. Quiz 1: Describing Data
7. Alternate Quiz 1: Form A: Describing Data*
8. Alternate Quiz 1: Form B: Describing Data*
9. Dot Plots
10. Box-and-Whisker Plots
11. Performance Task
12. Stem-and-Leaf Plots
13. Histograms
14. Other Graphs
15. Quiz 2: Organizing Data
16. Alternate Quiz 2: Form A: Organizing Data*
17. Alternate Quiz 2: Form B: Organizing Data*
18. Line Graphs
19. Bar Graphs
20. Circle Graphs
21. Performance Task
22. Scatter Plots
23. Quiz 3: Graphing Data and Making Predictions
24. Alternate Quiz 3: Form A: Graphing Data and Making Predictions*
25. Alternate Quiz 3: Form B: Graphing Data and Making Predictions*
26. Financial Assets and Liabilities
27. Personal Financial Skills
28. Quiz 4: Financial Skills
29. Alternate Quiz 4: Form A: Financial Skills
30. Alternate Quiz 4: Form B: Financial Skills
31. Special Project*
32. Review
33. Test
34. Alternate Test: Form A*
35. Alternate Test: Form B*
36. Glossary and Credits

Mathematics 700

Unit 8: Geometry

Assignments

1. Introduction to Geometry
2. Special Pairs of Angles
3. Polygons
4. Circles
5. Performance Task
6. Quiz 1: Basic Geometry
7. Alternate Quiz 1: Form A: Basic Geometry*
8. Alternate Quiz 1: Form B: Basic Geometry*
9. Project: Inscribed Polygons
10. Triangles
11. Quadrilaterals
12. Drawing Triangles and Quadrilaterals
13. Similar Polygons
14. Performance Task
15. Quiz 2: Classifying Polygons
16. Alternate Quiz 2: Form A: Classifying Polygons*
17. Alternate Quiz 2: Form B: Classifying Polygons*
18. Symmetry
19. Reflections
20. Translations
21. Compound Transformations
22. Quiz 3: Transformations
23. Alternate Quiz 3: Form A: Transformations*
24. Alternate Quiz 3: Form B: Transformations*
25. Special Project*
26. Review
27. Test
28. Alternate Test: Form A*
29. Alternate Test: Form B*
30. Glossary and Credits

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Mathematics 700

Unit 9: Measurement and Area

Assignments

1. Perimeter
2. Circumference
3. Composite Figures
4. Performance Task
5. Quiz 1: Perimeter
6. Alternate Quiz 1: Form A: Perimeter*
7. Alternate Quiz 1: Form B: Perimeter*
8. Area of Parallelograms
9. Area of Triangles and Trapezoids
10. Area of Circles
11. Area of Composite Figures
12. Dimension Changes
13. Quiz 2: Area
14. Alternate Quiz 2: Form A: Area*
15. Alternate Quiz 2: Form B: Area*
16. Squares and Square Roots
17. Performance Task
18. The Pythagorean Theorem
19. Applying the Pythagorean Theorem
20. Quiz 3: The Pythagorean Theorem
21. Alternate Quiz 3: Form A: The Pythagorean Theorem*
22. Alternate Quiz 3: Form B: The Pythagorean Theorem*
23. Special Project*
24. Review
25. Test
26. Alternate Test: Form A*
27. Alternate Test: Form B*
28. Glossary and Credits

Mathematics 700

Unit 10: Surface Area and Volume

Assignments

1. Classifying and Identifying Solids
2. Nets and Cross Sections
3. Surface Area and Volume
4. Quiz 1: Solids
5. Alternate Quiz 1: Form A: Solids*
6. Alternate Quiz 1: Form B: Solids*
7. Surface Area of Rectangular Prisms
8. Volume of Rectangular Prisms
9. Performance Task
10. Surface Area of Triangular Prisms
11. Volume of Triangular Prisms
12. Quiz 2: Prisms
13. Alternate Quiz 2: Form A: Prisms*
14. Alternate Quiz 2: Form B: Prisms*
15. Surface Area of Cylinders
16. Volume of Cylinders
17. Dimension Changes
18. Performance Task
19. Quiz 3: Cylinders
20. Alternate Quiz 3: Form A: Cylinders*
21. Alternate Quiz 3: Form B: Cylinders*
22. Special Project*
23. Review
24. Test
25. Alternate Test: Form A*
26. Alternate Test: Form B*
27. Glossary and Credits

Mathematics 700

Unit 11: Course Review and Exam

Assignments

1. Review 1
2. Review 2
3. Final Exam
4. Alternate Final Exam - Form A*
5. Alternate Final Exam - Form B*
6. Performance Task 1*
7. Performance Task 2*
8. Performance Task 3*
9. Performance Task 4*

Math 700

Unit 12: End of Course Exam

Assignments

1. Exam*
2. Alternate Exam - Form A*
3. Alternate Exam - Form B*

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Mathematics 800 Fundamentals

Mathematics 800 Fundamentals is an introductory algebra course designed to prepare junior-high school students for Algebra I. The course focuses on strengthening needed skills in problem solving, integers, equations, and graphing. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

- The Real Number System: Student will explore different properties of numbers, and how to use them to simplify expressions and formulas to make computations easier.
- Modeling Problems in Integers: Student will translate and solve one-step equations, or two-step equations in context, and check solutions for reasonableness, using the order of operations, and by substituting values for variables.
- Modeling Problems with Rational Numbers: Student will add, subtract, multiply, and divide decimals, fractions, and mixed numbers with variables, likes, and unlike denominators to solve one and two-step word problems.
- Proportional Reasoning: Student will convert between fractions, decimals, and percents, and compare them, and identify similar and congruent figures and their corresponding parts, and solve for missing measures.
- More with Functions: Student will identify the parts of a line or quadratic equation and be able to graph it, and explore arithmetic and geometric sequences, as well as exponential growth and decay.
- Measurement: Student will explore relationships between sets of lines and the angles they create, understand and use the Pythagorean theorem, and identify characteristics of polygons.
- Plane Geometry: Student will determine how to calculate areas of common polygons, identify different transformations and how to determine the type and original image location.
- Measures of Solid Figures: Student will calculate surface area and volume of different objects, and solve for missing measures of 3 dimensional figures when given surface area or volume, and explain the relationship between surface area and volume.
- Data Analysis: Student will identify the mean, median, mode, range, lower quartile, and upper quartile of different data sets and construct the best display of the information.
- Probability: Student will identify all the possible outcomes of a given situation using combinations, permutations, and probability, and determine if events are dependent or independent.

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Mathematics 800 Fundamentals

Unit 1: The Real Number System

Assignments

1. Course Overview
2. Subsets of the Real Number System
3. Using Variables
4. The Number Line
5. Comparing Rational Numbers
6. Quiz 1: Relationships
7. Alternate Quiz 1 - Form A: Relationships*
8. Alternate Quiz 1 - Form B: Relationships*
9. Properties of the Real Numbers
10. Exponents
11. Scientific Notation
12. Quiz 2: Other Forms
13. Alternate Quiz 2 - Form A: Other Forms*
14. Alternate Quiz 2 - Form B: Other Forms*
15. Square Roots
16. Order of Operations
17. Quiz 3: Simplifying
18. Alternate Quiz 3 - Form A: Simplifying*
19. Alternate Quiz 3 - Form B: Simplifying*
20. Special Project*
21. Review
22. Test
23. Alternate Test - Form A*
24. Alternate Test - Form B*
25. Glossary and Credits

Mathematics 800 Fundamentals

Unit 2: Modeling Problems in Integers

Assignments

1. Translating Expressions and Equations
2. Solving One-Step Equations
3. Solving Two-Step Equations
4. Quiz 1: Equations with Real Numbers
5. Alternate Quiz 1 - Form A: Equations with Real Numbers*
6. Alternate Quiz 1 - Form B: Equations with Real Numbers*
7. Relations and Functions
8. Functions
9. Analyzing Graphs
10. Quiz 2: Functions
11. Alternate Quiz 2 - Form A: Functions*
12. Alternate Quiz 2 - Form B: Functions*
13. Addition of Integers
14. Subtraction of Integers
15. Multiplying and Dividing Integers
16. Evaluating Expressions
17. Quiz 3: Integers
18. Alternate Quiz 3 - Form A: Integers*
19. Alternate Quiz 3 - Form B: Integers*
20. Graphing
21. One-Step Equations
22. Two-Step Equations
23. Problem Solving
24. Quiz 4: Modeling with Integers
25. Alternate Quiz 4 - Form A: Modeling with Integers*
26. Alternate Quiz 4 - Form B: Modeling with Integers*
27. Special Project*
28. Review
29. Test
30. Alternate Test - Form A*
31. Alternate Test - Form B*
32. Glossary and Credits

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Mathematics 800 Fundamentals

Unit 3: Modeling Problems With Rational Numbers

Assignments

1. Prime Factorization and the GCF
2. Simplifying Fractions
3. The LCM and the LCD
4. Quiz 1: Number Theory
5. Alternate Quiz 1 - Form A: Number Theory*
6. Alternate Quiz 1 - Form B: Number Theory*
7. Adding and Subtracting Like Fractions
8. Adding and Subtracting Unlike Fractions
9. Adding and Subtracting Decimal Numbers
10. Multiplying and Dividing Fractions
11. Multiplying and Dividing Decimal Numbers
12. Quiz 2: Solving Problems with Rational Numbers
13. Alternate Quiz 2 - Form A: Solving Problems with Rational Numbers*
14. Alternate Quiz 2 - Form B: Solving Problems with Rational Numbers*
15. One-Step Addition and Subtraction Equations
16. One-Step Multiplication and Division Equations
17. Two-Step Equations
18. One-Step Inequalities
19. Two-Step Inequalities
20. Quiz 3: Solving Equations and Inequalities
21. Alternate Quiz 3 - Form A: Solving Equations and I Inequalities*
22. Alternate Quiz 3 - Form B: Solving Equations and Inequalities*
23. Special Project*
24. Review
25. Test
26. Alternate Test - Form A*
27. Alternate Test - Form B*
28. Glossary and Credits

Mathematics 800 Fundamentals

Unit 4: Proportional Reasoning

Assignments

1. Proportions
2. Applications
3. Direct Variation
4. Quiz 1: Proportions
5. Alternate Quiz 1 - Form A: Proportions*
6. Alternate Quiz 1 - Form B: Proportions*
7. Fraction, Percent and Decimal Equivalents
8. Solving Percent Problems
9. Applications
10. More Applications
11. Quiz 2: Percents
12. Alternate Quiz 2 - Form A: Percents*
13. Alternate Quiz 2 - Form B: Percents*
14. Unit Conversion within Customary Units
15. Unit Conversion within Metric Units
16. Corresponding Parts
17. Indirect Measure
18. Models and Scales
19. Quiz 3: Measurement/Similar Figures
20. Alternate Quiz 3 - Form A: Measurement/Similar Figures*
21. Alternate Quiz 3 - Form B: Measurement/Similar Figures*
22. Project: Proportional Reasoning
23. Alternate Project: Proportional Reasoning*
24. Special Project*
25. Review
26. Test
27. Alternate Test - Form A*
28. Alternate Test - Form B*
29. Glossary and Credits

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Mathematics 800 Fundamentals

Unit 5: More With Functions

Assignments

1. Rewriting Equations
2. Combine Like Terms
3. Solving Equations by Combining Like Terms
4. Distributive Property
5. Solving Equations with Distributive Property
6. Quiz 1: Solving Equations
7. Alternate Quiz 1 - Form A: Solving Equations*
8. Alternate Quiz 1 - Form B: Solving Equations*
9. Slope
10. Using Intercepts
11. Slope-Intercept Form
12. More Slope-Intercept Form
13. Non-Linear Functions
14. Quiz 2: Families of Functions
15. Alternate Quiz 2 - Form A: Families of Functions*
16. Alternate Quiz 2 - Form B: Families of Functions*
17. Patterns and Arithmetic Sequences
18. Geometric Sequences
19. Exponential Sequences
20. Recursive Sequences
21. Quiz 3: Patterns
22. Alternate Quiz 3 - Form A: Patterns*
23. Alternate Quiz 3 - Form B: Patterns*
24. Special Project*
25. Review
26. Test
27. Alternate Test - Form A*
28. Alternate Test - Form B*
29. Glossary and Credits

Mathematics 800 Fundamentals

Unit 6: Measurement

Assignments

1. Classify and Measure Angles
2. Perpendicular and Parallel Lines, Part 1
3. Perpendicular and Parallel Lines, Part 2
4. Circles
5. Quiz 1: Angle Measures and Circles
6. Alternate Quiz 1 - Form A: Angle Measures and Circles*
7. Alternate Quiz 1 - Form B: Angle Measures and Circles*
8. Classifying Polygons
9. Interior and Exterior Measures of Polygons
10. Classifying Triangles and the Triangle Inequality Theorem
11. The Quadrilateral Family
12. Quiz 2: Polygons
13. Alternate Quiz 2 - Form A: Polygons*
14. Alternate Quiz 2 - Form B: Polygons*
15. Pythagorean Theorem, Part 1
16. Pythagorean Theorem, Part 2
17. Quiz 3: Indirect Measure
18. Alternate Quiz 3 - Form A: Indirect Measure*
19. Alternate Quiz 3 - Form B: Indirect Measure*
20. Special Project*
21. Review
22. Test
23. Alternate Test - Form A*
24. Alternate Test - Form B*
25. Glossary and Credits

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Mathematics 800 Fundamentals

Unit 7: Plane Geometry

Assignments

1. Perimeter and Circumference
2. Area of Parallelograms
3. Area of Triangles and Trapezoids
4. Area of Circles
5. Composite Figures
6. Effects of Dimensional Changes
7. Quiz 1: Perimeter and Area
8. Alternate Quiz 1 - Form A: Perimeter and Area*
9. Alternate Quiz 1 - Form B: Perimeter and Area*
10. Symmetry
11. Distance and Midpoint
12. Reflections
13. Quiz 2: Symmetry and Reflections
14. Alternate Quiz 2 - Form A: Symmetry and Reflections*
15. Alternate Quiz 2 - Form B: Symmetry and Reflections*
16. Translations
17. Tessellations
18. Rotations
19. Dilations
20. Quiz 3: Other Transformations
21. Alternate Quiz 3 - Form A: Other Transformations*
22. Alternate Quiz 3 - Form B: Other Transformations*
23. Special Project*
24. Review
25. Test
26. Alternate Test - Form A*
27. Alternate Test - Form B*
28. Glossary and Credits

Mathematics 800 Fundamentals

Unit 8: Measures of Solid Figures

Assignments

1. Solid Figures
2. Euler's Formula
3. Surface Area of Rectangular Prisms
4. Surface Area of Triangular Prisms
5. Surface Area of Cylinders
6. Surface Area of Pyramids, Cones, and Spheres
7. Surface Area of Composite Figures
8. Quiz 1: Surface Area
9. Alternate Quiz 1 - Form A: Surface Area*
10. Alternate Quiz 1 - Form B: Surface Area*
11. Volume of Rectangular Prisms
12. Volume of Triangular Prisms
13. Volume of Square Pyramids
14. Volume of Cylinders
15. Volume of Cones
16. Volume of Spheres
17. Changes to Volume
18. Volume of Composite Figures
19. Quiz 2: Volume
20. Alternate Quiz 2 - Form A: Volume*
21. Alternate Quiz 2 - Form B: Volume*
22. Special Project*
23. Review
24. Test
25. Alternate Test - Form A*
26. Alternate Test - Form B*
27. Glossary and Credits
28.

Mathematics 800 Fundamentals

Unit 9: Data Analysis

Assignments

1. Collecting Data
2. Measures of Central Tendency and Dispersion
3. Bar Graphs
4. Circle Graphs
5. Line Graphs
6. Frequency and Histograms
7. Quiz 1: Collecting and Representing Data
8. Alternate Quiz 1 - Form A: Collecting and Representing Data*
9. Alternate Quiz 1 - Form B: Collecting and Representing Data*
10. Constructing Box-and-Whisker Plots
11. Interpreting Box-and-Whisker Plots
12. Scatter Plots
13. Misleading Graphs
14. Appropriate Displays
15. Quiz 2: More Data Displays
16. Alternate Quiz 2 - Form A: More Data Displays*
17. Alternate Quiz 2 - Form B: More Data Displays*
18. Special Project*
19. Review
20. Test
21. Alternate Test - Form A*
22. Alternate Test - Form B*
23. Glossary and Credits

Mathematics 800

Unit 10: Probability

Assignments

1. Tree Diagrams and the Counting Principle
12. Quiz 2: Probability

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	2. Permutations	13. Alternate Quiz 2 - Form A: Probability*
	3. Combinations	14. Alternate Quiz 2 - Form B: Probability*
	4. Mixed Review of Outcomes	15. Simulate a Problem
	5. Quiz 1: Outcomes	16. Quest: All That's Fair In...*
	6. Alternate Quiz 1 - Form A: Outcomes*	17. Special Project*
	7. Alternate Quiz 1 - Form B: Outcomes*	18. Review
	8. Probability and Odds	19. Test
	9. Experimental vs Theoretical Probability	20. Alternate Test - Form A*
	10. Disjointed and Overlapping Events	21. Alternate Test - Form B*
	11. Independent and Dependent Events	22. Glossary and Credits

M8F	**Unit 11: Course Review and Exam**	
	Assignments	
	1. Review I	4. Alternate Exam - Form A*
	2. Review II	5. Alternate Exam - Form B*
	3. Exam	

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Mathematics 800

Mathematics 800 is an introductory algebra course designed to prepare junior-high school students for Algebra I. The course focuses on strengthening needed skills in problem solving, integers, equations, and graphing. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

- **The Real Number System**: Student will explore different properties of numbers, and how to use them to simplify expressions and formulas to make computations easier.
- **Modeling Problems in Integers**: Student will translate and solve one-step equations, or two-step equations in context, and check solutions for reasonableness, using the order of operations, and by substituting values for variables.
- **Modeling Problems with Rational Numbers**: Student will add, subtract, multiply, and divide decimals, fractions, and mixed numbers with variables, likes, and unlike denominators to solve one and two-step word problems.
- **Proportional Reasoning**: Student will convert between fractions, decimals, and percents, and compare them, and identify similar and congruent figures and their corresponding parts, and solve for missing measures.
- **More with Functions**: Student will identify the parts of a line or quadratic equation and be able to graph it, and explore arithmetic and geometric sequences, as well as exponential growth and decay.
- **Measurement**: Student will explore relationships between sets of lines and the angles they create, understand and use the Pythagorean theorem, and identify characteristics of polygons.
- **Plane Geometry**: Student will determine how to calculate areas of common polygons, identify different transformations and how to determine the type and original image location.
- **Measures of Solid Figures**: Student will calculate surface area and volume of different objects, and solve for missing measures of 3 dimensional figures when given surface area or volume, and explain the relationship between surface area and volume.
- **Data Analysis**: Student will identify the mean, median, mode, range, lower quartile, and upper quartile of different data sets and construct the best display of the information.
- **Probability**: Student will identify all the possible outcomes of a given situation using combinations, permutations, and probability, and determine if events are dependent or independent.

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Mathematics 800

Unit 1: The Real Number System

Assignments

1. Course Overview
2. Subsets of the Real Number System
3. Using Variables
4. The Number Line
5. Comparing Rational Numbers
6. Decimal-Fraction Conversions
7. Quiz 1: Relationships
8. Alternate Quiz 1 - Form A: Relationships*
9. Alternate Quiz 1 - Form B: Relationships*
10. Properties of the Real Numbers
11. Exponents
12. Performance Task
13. Scientific Notation
14. Operations with Scientific Notation
15. Quiz 2: Other Forms
15. Alternate Quiz 2 - Form A: Other Forms*
16. Alternate Quiz 2 - Form B: Other Forms*
17. Square Roots
18. Order of Operations
19. Quiz 3: Simplifying
20. Alternate Quiz 3 - Form A: Simplifying*
21. Alternate Quiz 3 - Form B: Simplifying*
22. Performance Task
23. Special Project*
24. Review
25. Test
26. Alternate Test - Form A*
27. Alternate Test - Form B*
28. Glossary and Credits

Mathematics 800

Unit 2: Modeling Problems in Integers

Assignments

1. Translating Expressions and Equations
2. Solving One-Step Equations
3. Solving Two-Step Equations
4. Solving Equations with Exponents
5. Quiz 1: Equations with Real Numbers
6. Alternate Quiz 1 - Form A: Equations with Real Numbers*
7. Alternate Quiz 1 - Form B: Equations with Real Numbers*
8. Relations and Functions
9. Functions
10. Analyzing Graphs
11. Performance Task
12. Quiz 2: Functions
13. Alternate Quiz 2 - Form A: Functions*
14. Alternate Quiz 2 - Form B: Functions*
15. Addition of Integers
16. Subtraction of Integers
17. Multiplying and Dividing Integers
18. Evaluating Expressions
19. Quiz 3: Integers
20. Alternate Quiz 3 - Form A: Integers*
21. Alternate Quiz 3 - Form B: Integers*
22. Graphing
23. One-Step Equations
24. Two-Step Equations
25. Problem Solving
26. Performance Task
27. Quiz 4: Modeling with Integers
28. Alternate Quiz 4 - Form A: Modeling with Integers*
29. Alternate Quiz 4 - Form B: Modeling with Integers*
30. Special Project*
31. Review
32. Test
33. Alternate Test - Form A*
34. Alternate Test - Form B*
35. Glossary and Credits

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Mathematics 800

Unit 3: Modeling Problems with Rational Numbers

Assignments

1. Prime Factorization and the GCF
2. Simplifying Fractions
3. The LCM and the LCD
4. Quiz 1: Number Theory
5. Alternate Quiz 1 - Form A: Number Theory*
6. Alternate Quiz 1 - Form B: Number Theory*
7. Adding and Subtracting Like Fractions
8. Adding and Subtracting Unlike Fractions
9. Adding and Subtracting Decimal Numbers
10. Multiplying and Dividing Fractions
11. Multiplying and Dividing Decimal Numbers
12. Irrational Numbers
13. Performance Task
14. Quiz 2: Solving Problems with Rational Numbers
15. Alternate Quiz 2 - Form A: Solving Problems with Rational Numbers*
16. Alternate Quiz 2 - Form B: Solving Problems with Rational Numbers*
17. One-Step Addition and Subtraction Equations
18. One-Step Multiplication and Division Equations
19. Two-Step Equations
20. One-Step Inequalities
21. Two-Step Inequalities
22. Performance Task
23. Quiz 3: Solving Equations and Inequalities
24. Alternate Quiz 3 - Form A: Solving Equations and Inequalities*
25. Alternate Quiz 3 - Form B: Solving Equations and Inequalities*
26. Special Project*
27. Review
28. Test
29. Alternate Test - Form A**
30. Alternate Test - Form B
31. Glossary and Credits

Mathematics 800

Unit 4: Proportional Reasoning

Assignments

1. Proportions
2. Linear Applications
3. Direct Variation
4. Quiz 1: Proportions
5. Alternate Quiz 1-Form A: Proportions*
6. Alternate Quiz 1-Form B: Proportions*
7. Fraction, Percent, and Decimal Equivalents
8. Solving Percent Problems
9. Application of Ratios and Percents
10. More Applications with Percents
11. Performance Task
12. Quiz 2: Percents
13. Alternate Quiz 2-Form A: Percents*
14. Alternate Quiz 2-Form B: Percents*
15. Unit Conversion within Customary Units
16. Unit Conversion within Metric Units
17. Corresponding Parts
18. Indirect Measure
19. Models and Scales
20. Performance Task
21. Quiz 3: Measurement/Similar Figures
22. Alternate Quiz 3-Form A: Measurement/Similar Figures*
23. Alternate Quiz 3-Form B: Measurement/Similar Figures*
24. Project: Proportional Reasoning
25. Alternate Project: Proportional Reasoning*
26. Special Project*
27. Review
28. Test
29. Alternate Test-Form A*
30. Alternate Test-Form B*
31. Glossary and Credits

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Mathematics 800

Unit 5: More with Functions

Assignments

1. Rewriting Equations
2. Combine Like Terms
3. Solving Equations by Combining Like Terms
4. Distributive Property
5. Solving Equations with Distributive Property
6. Solving Equations with Special Solutions
7. Literal Equations
8. Performance Task
9. Quiz 1: Solving Equations
10. Alternate Quiz 1 - Form A: Solving Equations*
11. Alternate Quiz 1 - Form B: Solving Equations*
12. Slope
13. Comparing Functions
14. Using Intercepts
15. Slope-Intercept Form
16. More Slope-Intercept Form
17. Applications of Linear Functions
18. Non-Linear Functions
19. Performance Task
20. Quiz 2: Families of Functions
21. Alternate Quiz 2 - Form A: Families of Functions*
22. Alternate Quiz 2 - Form B: Families of Functions*
23. Graphing Systems of Linear Equations
24. Solving Systems of Linear Equations using Substitution
25. Solving Systems of Linear Equations using Addition
26. Applications of Linear Systems
27. Quiz 3: System of Equations
28. Alternate Quiz 3 - Form A: System of Equations*
29. Alternate Quiz 3 - Form B: System of Equations*
30. Patterns and Arithmetic Sequences
31. Geometric Sequences
32. Exponential Sequences
33. Recursive Sequences
34. Quiz 4: Patterns
35. Alternate Quiz 4 - Form A: Patterns*
36. Alternate Quiz 4 - Form B: Patterns*
37. Special Project*
38. Review
39. Test
40. Alternate Test - Form A*
41. Alternate Test - Form B*
42. Glossary and Credits

Mathematics 800

Unit 6: Measurement

Assignments

1. Classify and Measure Angles
2. Perpendicular and Parallel Lines, Part 1
3. Perpendicular and Parallel Lines, Part 2
4. Circles
5. Quiz 1: Angle Measures and Circles
6. Alternate Quiz 1 - Form A: Angle Measures and Circles*
7. Alternate Quiz 1 - Form B: Angle Measures and Circles*
8. Classifying Polygons
9. Interior and Exterior Measures of Polygons
10. Classifying Triangles and the Triangle Inequality Theorem
11. Performance Task
12. The Quadrilateral Family
13. Quiz 2: Polygons
14. Alternate Quiz 2 - Form A: Polygons*
15. Alternate Quiz 2 - Form B: Polygons*
16. Pythagorean Theorem, Part 1
17. Pythagorean Theorem, Part 2
18. Performance Task
19. Quiz 3: Indirect Measure
20. Alternate Quiz 3 - Form A: Indirect Measure*
21. Alternate Quiz 3 - Form B: Indirect Measure*
22. Special Project*
23. Review
24. Test
25. Alternate Test - Form A*
26. Alternate Test - Form B*
27. Glossary and Credits

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Mathematics 800

Unit 7: Plane Geometry

Assignments

1. Perimeter and Circumference
2. Area of Parallelograms
3. Area of Triangles and Trapezoids
4. Area of Circles
5. Composite Figures
6. Effects of Dimensional Changes
7. Performance Task
8. Quiz 1: Perimeter and Area
9. Alternate Quiz 1 - Form A: Perimeter and Area*
10. Alternate Quiz 1 - Form B: Perimeter and Area*
11. Symmetry
12. Distance and Midpoint
13. Reflections
14. Quiz 2: Symmetry and Reflections
15. Alternate Quiz 2 - Form A: Symmetry and Reflections*
16. Alternate Quiz 2 - Form B: Symmetry and Reflections*
17. Translations
18. Tessellations
19. Rotations
20. Dilations
21. Angle Reflections, Translations, and Rotations
22. Performance Task
23. Quiz 3: Other Transformations
24. Alternate Quiz 3 - Form A: Other Transformations*
25. Alternate Quiz 3 - Form B: Other Transformations*
26. Special Project*
27. Review
28. Test
29. Alternate Test - Form A*
30. Alternate Test - Form B*
31. Glossary and Credits

Mathematics 800

Unit 8: Measures of Solid Figures

Assignments

1. Solid Figures
2. Euler's Formula
3. Surface Area of Rectangular Prisms
4. Surface Area of Triangular Prisms
5. Performance Task
6. Surface Area of Cylinders
7. Surface Area of Pyramids, Cones, and Spheres
8. Surface Area of Composite Figures
9. Quiz 1: Surface Area
10. Alternate Quiz 1 - Form A: Surface Area*
11. Alternate Quiz 1 - Form B: Surface Area*
12. Volume of Rectangular Prisms
13. Volume of Triangular Prisms
14. Volume of Square Pyramids
15. Volume of Cylinders
16. Volume of Cones
17. Volume of Spheres
18. Changes to Volume
19. Volume of Composite Figures
20. Performance Task
21. Quiz 2: Volume
22. Alternate Quiz 2 - Form A: Volume*
23. Alternate Quiz 2 - Form B: Volume*
24. Special Project*
25. Review
26. Test
27. Alternate Test - Form A*
28. Alternate Test - Form B*
29. Glossary and Credits

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Mathematics 800

Unit 9: Data Analysis

Assignments

1. Collecting Data
2. Measures of Central Tendency and Dispersion
3. Bar Graphs
4. Circle Graphs
5. Line Graphs
6. Frequency and Histograms
7. Two-Way Frequency Tables
8. Performance Task
9. Quiz 1: Collecting and Representing Data
10. Alternate Quiz 1 - Form A: Collecting and Representing Data*
11. Alternate Quiz 1 - Form B: Collecting and Representing Data*
12. Constructing Box-and-Whisker Plots
13. Interpreting Box-and-Whisker Plots
14. Scatter Plots
15. Misleading Graphs
16. Appropriate Displays
17. Application of Data Analysis
18. Performance Task
19. Quiz 2: More Data Displays
20. Alternate Quiz 2 - Form A: More Data Displays*
21. Alternate Quiz 2 - Form B: More Data Displays*
22. Financial Responsibility
23. Calculating Interest
24. Educational Funding
25. Quiz 3: Personal Finances
26. Special Project*
27. Review
28. Test
29. Alternate Test - Form A*
30. Alternate Test - Form B*
31. Glossary and Credits

Mathematics 800

Unit 10: Probability

Assignments

1. Tree Diagrams and the Counting Principle
2. Permutations
3. Combinations
4. Mixed Review of Outcomes
5. Quiz 1: Outcomes
6. Alternate Quiz 1 - Form A: Outcomes*
7. Alternate Quiz 1 - Form B: Outcomes*
8. Probability and Odds
9. Experimental vs Theoretical Probability
10. Disjointed and Overlapping Events
11. Independent and Dependent Events
12. Performance Task
13. Performance Task
14. Quiz 2: Probability
15. Alternate Quiz 2 - Form A: Probability*
16. Alternate Quiz 2 - Form B: Probability*
17. Simulate a Problem
18. Quest: All That's Fair In... *
19. Special Project*
20. Review
21. Test
22. Alternate Test - Form A*
23. Alternate Test - Form B*
24. Glossary and Credits

Mathematics 800

Unit 11: Course Review and Exam

Assignments

1. Review 1
2. Review 2
3. Final Exam
4. Final Exam - Form A*
5. Final Exam - Form B*
6. Performance Task 1*
7. Performance Task 2*
8. Performance Task 3*
9. Performance Task 4*

Mathematics 800

Unit 12: End of Course

Assignments

1. Exam*
2. Alternate Exam - Form A*
3. Alternate Exam - Form B*

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Algebra I Fundamentals

Algebra I Fundamentals is a full year, high school credit course that is intended for the student who has successfully mastered the core algebraic concepts covered in the prerequisite course, Pre-Algebra. Within the Algebra I course, the student will explore basic algebraic fundamentals such as evaluating, creating, solving and graphing linear, quadratic, and polynomial functions.

- **Foundations of Algebra**: Student will identify different real number properties, and how to use them to solve algebraic expressions.
- **Linear Equations**: Student will translate word problems into algebraic equations, and solve them using real number properties, converting between fractions, decimals, and percents.
- **Functions**: Student will understand the characteristics of functions, how to plot them, how to derive their equations, and determine what type of function a graph represents.
- **Inequalities**: Student will write, graph, and solve inequalities using real number properties.
- **Linear Systems**: Student will determine the solution of a pair of linear equations, using the addition method, substitution method and matrices.
- **Polynomials**: Student will add, subtract, multiply, and divide monomials and polynomials, as well as factor polynomials, using several different methods.
- **Exponential and Radical Functions**: Student will simplify powers of products, a power raised to a power, and quotients of powers, using the rule of exponents, and add, subtract, multiply, and divide radical expressions to solve equations.
- **Quadratics**: Student will identify, write, and graph various triangle, circle and quadratic equations and inequalities using the Pythagorean theorem, and by factoring, completing the square, and using the square root method.
- **Rational Expressions**: Student will add and subtract fractions with like and unlike denominators, solve proportions, equations and inequalities containing rational expressions, and solve different word problems using rational equations.
- **Probability and Statistics**: Student will determine the central tendencies of a given data set, as well as evaluate probability of possible outcomes using multiple methods.

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Algebra I Fundamentals

Unit 1: Foundations of Algebra

Assignments

1. Course Overview
2. Variables and Expressions
3. Exponents and Order of Operations
4. Evaluating Expressions
5. Quiz 1: The Language of Algebra
6. Classifying and Comparing Numbers
7. Decimal-Fraction Conversions
8. Fractions
9. Adding and Subtracting Signed Numbers
10. Multiplying and Dividing Signed Numbers
11. Absolute Value
12. Quiz 2: The Real Numbers
13. Commutative and Associative Properties
14. Distributive Property
15. Simplifying Expressions
16. Quiz 3: Properties of the Real Numbers
17. Special Project*
18. Review
19. Test
20. Alternate Test*
21. Glossary and Credits

Algebra I Fundamentals

Unit 2: Linear Equations

Assignments

1. Open Sentences
2. Addition Property of Equality
3. Multiplication Property of Equality
4. Two-Step Equations
5. Quiz 1: Solving Equations
6. Variables on Both Sides
7. Combining Like Terms
8. The Distributive Property
9. Literal Equations
10. Quiz 2: Multi-Step Equations
11. Writing Equations from Word Problems
12. Two Unknowns
13. More than Two Unknowns
14. Using a Chart
15. Quiz 3: Word Problems
16. Percent Problems
17. Mixture and Interest Problems
18. Quiz 4: Mixture and Investment Problems
19. Special Project*
20. Review
21. Test
22. Alternate Test*
23. Glossary and Credits

Algebra I Fundamentals

Unit 3: Functions

Assignments

1. The Coordinate Plane
2. Identifying Functions
3. Function Notation
4. Modeling Functions
5. Quiz 1: Function Basics
6. Writing a Function Rule
7. Arithmetic Sequences
8. Direct Variation
9. Slope
10. Quiz 2: Patterns
11. Linear Equations
12. Slope-Intercept Form
13. Absolute Value Functions
14. Quiz 3: Graphing Linear Functions
15. Writing Linear Equations (1)
16. Writing Linear Equations (2)
17. Writing Linear Equations (3)
18. Quiz 4: Writing Linear Equations
19. Special Project*
20. Review
21. Test
22. Alternate Test*
23. Glossary and Credits

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Algebra I Fundamentals

Unit 4: Inequalities

Assignments

1. Graphing
2. Addition Property of Inequality
3. Multiplication Property of Inequality
4. Multi-Step Inequalities
5. Problem Solving
6. Quiz 1: Solving Inequalities
7. Compound Inequality Graphs
8. Solving Compound Inequalities
9. Inequalities with Two Variables
10. Quiz 2: Compound Inequalities
11. Absolute Value Solution Sets
12. Absolute Value Inequalities with One Variable
13. Absolute Value Inequalities with Two Variables
14. Quiz 3: Absolute Value
15. Special Project*
16. Review
17. Test
18. Alternate Test*
19. Glossary and Credits

Algebra I Fundamentals

Unit 5: Linear Systems

Assignments

1. Solution of a System
2. Graphing Systems of Equations
3. Systems of Inequalities
4. Quiz 1: Solving Linear Systems by Graphing
5. Substitution Method
6. Addition Method
7. Matrices
8. Fractional Coefficients
9. Quiz 2: Solving Linear Systems Algebraically
10. Using Two Variables
11. Money and Unit Pricing
12. Using Formulas
13. Quiz 3: Representing Problems Using a Linear System
14. Special Project*
15. Review
16. Test
17. Alternate Test*
18. Glossary and Credits

Algebra I Fundamentals

Unit 6: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam – Form A*
4. Alternate Exam – Form B*

Algebra I Fundamentals

Unit 7: Polynomials

Assignments

1. Adding and Subtracting Polynomials
2. Grouping Symbols
3. Quiz 1: Adding and Subtracting Polynomials
4. Multiplying by a Monomial
5. Multiplying Polynomials
6. F.O.I.L. and Special Cases
7. Dividing by a Monomial
8. Long Division
9. Quiz 2: Multiplying and Dividing Polynomials
10. Greatest Common Factor
11. Factoring Out the GCF
12. Factoring by Grouping
13. Factoring Trinomials (1)
14. Factoring Trinomials (2)
15. Special Cases
16. Complete Factorization
17. Quiz 3: Factoring Polynomials
18. Special Project*
19. Review
20. Test
21. Alternate Test*
22. Glossary and Credits

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Algebra I Fundamentals

Unit 8: Exponential and Radical Functions

Assignments

1. Negative Exponents
2. Exponential Expressions
3. Scientific Notation
4. Quiz 1: Evaluating Exponential Expressions
5. Multiplication
6. Raising to a Power
7. Division
8. Geometric Sequences
9. Quiz 2: Properties of Exponents
10. Simplifying Radicals
11. Multiplying Radicals
12. Dividing Radicals
13. Adding and Subtracting Radicals
14. Radical Equations
15. Quiz 3: Radical Functions
16. Special Project*
17. Review
18. Test
19. Alternate Test*
20. Glossary and Credits

Algebra I Fundamentals

Unit 9: Quadratics

Assignments

1. Pythagorean Theorem
2. Distance
3. Midpoint
4. Quiz 1: Formulas
5. Quadratic Functions
6. Transformations
7. Line of Symmetry
8. Quadratic Inequalities
9. Quiz 2: Graphing Quadratic Functions
10. Solving by Factoring
11. Square Root Method
12. Applications of Quadratics
13. Completing the Square
14. Completing the Square
15. Quadratic Formula (1)
16. Quadratic Formula (2)
17. Quiz 3: Solving Quadratic Equations
18. Special Project*
19. Review
20. Test
21. Alternate Test*
22. Glossary and Credits

Algebra I Fundamentals

Unit 10: Rational Expressions

Assignments

1. Simplifying Rational Expressions
2. Multiplying and Dividing Rational Expressions
3. Adding and Subtracting with Like Denominators
4. Adding and Subtracting with Unlike Denominators
5. Quiz 1: Operations with Rational Expressions
6. Proportions
7. Using the LCD
8. Complex Fractions
9. Inequalities
10. Applications of Rational Equations
11. More Problems
12. Quiz 2: Rational Equations and Inequalities
13. Special Project*
14. Review
15. Test
16. Alternate Test*
17. Glossary and Credits

Algebra I Fundamentals

Unit 11: Probability and Statistics

Assignments

1. Measures of Central Tendency
2. Dispersion
3. Interpreting Data
4. Project: Data Analysis
5. Quiz 1: Measures of Central Tendency
6. Sampling and Outcomes
7. Permutations
8. Combinations
9. Quiz 2: Outcomes
10. Probability
11. Compound Events
12. Project: Probability
13. Quiz 3: Probability
14. Special Project*
15. Review
16. Test
17. Alternate Test*
18. Glossary and Credits

Algebra I Fundamentals

Unit 12: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam – Form A*
4. Alternate Exam – Form B*

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Algebra I Fundamentals	Unit 13: Final Exam	
	Assignments	
	1. Exam	3. Alternate Exam – Form B*
	2. Alternate Exam – Form A*	

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Algebra I

Algebra I – is a full year, high school credit course that is intended for the student who has successfully mastered the core algebraic concepts covered in the prerequisite course, Pre-Algebra. Within the Algebra I course, the student will explore basic algebraic fundamentals such as evaluating, creating, solving and graphing linear, quadratic, and polynomial functions.

- **Foundations of Algebra**: Student will identify different real number properties, and how to use them to solve algebraic expressions.
- **Linear Equations**: Student will translate word problems into algebraic equations, and solve them using real number properties, converting between fractions, decimals, and percents.
- **Functions**: Student will understand the characteristics of functions, how to plot them, how to derive their equations, and determine what type of function a graph represents.
- **Inequalities**: Student will write, graph, and solve inequalities using real number properties.
- **Linear Systems**: Student will determine the solution of a pair of linear equations, using the addition method, substitution method and matrices.
- **Polynomials**: Student will add, subtract, multiply, and divide monomials and polynomials, as well as factor polynomials, using several different methods.
- **Exponential and Radical Functions**: Student will simplify powers of products, a power raised to a power, and quotients of powers, using the rule of exponents, and add, subtract, multiply, and divide radical expressions to solve equations.
- **Quadratics**: Student will identify, write, and graph various triangle, circle and quadratic equations and inequalities using the Pythagorean theorem, and by factoring, completing the square, and using the square root method.
- **Rational Expressions**: Student will add and subtract fractions with like and unlike denominators, solve proportions, equations and inequalities containing rational expressions, and solve different word problems using rational equations.
- **Probability and Statistics**: Student will determine the central tendencies of a given data set, as well as evaluate probability of possible outcomes using multiple methods.

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Algebra I

Unit 1: Foundations of Algebra

Assignments

1. Course Overview
2. Variables and Expressions
3. Exponents and Order of Operations
4. Evaluating Expressions
5. Quiz 1: The Language of Algebra
6. Classifying and Comparing Numbers
7. Decimal-Fraction Conversions
8. Fractions
9. Adding and Subtracting Signed Numbers
10. Multiplying and Dividing Signed Numbers
11. Absolute Value
12. Quiz 2: The Real Numbers
13. Commutative and Associative Properties
14. Distributive Property
15. Simplifying Expressions
16. Quiz 3: Properties of the Real Numbers
17. Performance Task
18. Alternate Performance Task*
19. Special Project*
20. Review
21. Test
22. Alternate Test*
23. Glossary and Credits

Algebra I

Unit 2: Linear Equations

Assignments

1. Open Sentences
2. Addition Property of Equality
3. Multiplication Property of Equality
4. Two-Step Equations
5. Quiz 1: Solving Equations
6. Variables on Both Sides
7. Combining Like Terms
8. The Distributive Property
9. Literal Equations
10. Quiz 2: Multi-Step Equations
11. Writing Equations from Word Problems
12. Two Unknowns
13. More than Two Unknowns
14. Using a Chart
15. Quiz 3: Word Problems
16. Percent Problems
17. Mixture and Interest Problems
18. Quiz 4: Mixture and Investment Problems
19. Performance Task
20. Alternate Performance Task*
21. Special Project*
22. Review
23. Test
24. Alternate Test*
25. Glossary and Credits

Algebra I

Unit 3: Functions

Assignments

1. The Coordinate Plane
2. Identifying Functions
3. Function Notation
4. Modeling Functions
5. Quiz 1: Function Basics
6. Writing a Function Rule
7. Arithmetic Sequences
8. Direct Variation
9. Slope
10. Quiz 2: Patterns
11. Linear Equations
12. Slope-Intercept Form
13. Absolute Value Functions
14. Piecewise Defined Functions
15. Graphs of Piecewise Functions
16. Function Relationships
17. Quiz 3: Graphing Linear Functions
18. Writing Linear Equations (1)
19. Writing Linear Equations (2)
20. Writing Linear Equations (3)
21. Inverse Functions
22. Scatter Plots
23. Quiz 4: Writing Linear Equations
24. Performance Task
25. Alternate Performance Task*
26. Special Project*
27. Review
28. Test
29. Alternate Test*
30. Glossary and Credits

Algebra I

Unit 4: Inequalities

Assignments

1. Graphing
2. Addition Property of Inequality
3. Multiplication Property of Inequality
4. Multi-Step Inequalities
5. Problem Solving
6. Quiz 1: Solving Inequalities
12. Absolute Value Inequalities with One Variable
13. Absolute Value Inequalities with Two Variables
14. Quiz 3: Absolute Value
15. Performance Task
16. Alternate Performance Task*
17. Special Project*

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	7. Compound Inequality Graphs	18. Review
	8. Solving Compound Inequalities	19. Test
	9. Inequalities with Two Variables	20. Alternate Test*
	10. Quiz 2: Compound Inequalities	21. Glossary and Credits
	11. Absolute Value Solution Sets	

Algebra I	Unit 5: Linear Systems	
	Assignments	
	1. Solution of a System	12. Money and Unit Pricing
	2. Graphing Systems of Equations	13. Using Formulas
	3. Systems of Inequalities	14. Quiz 3: Representing Problems Using a Linear System
	4. Applications of Inequalities	
	5. Quiz 1: Solving Linear Systems by Graphing	15. Performance Task
	6. Substitution Method	16. Alternate Performance Task*
	7. Addition Method	17. Special Project*
	8. Matrices	18. Review
	9. Fractional Coefficients	19. Test
	10. Quiz 2: Solving Linear Systems Algebraically	20. Alternate Test*
	11. Using Two Variables	21. Glossary and Credits

Algebra I	Unit 6: Semester Review and Exam	
	Assignments	
	1. Review	3. Alternate Exam – Form A*
	2. Exam	4. Alternate Exam – Form B*

Algebra I	Unit 7: Polynomials	
	Assignments	
	1. Adding and Subtracting Polynomials	13. Factoring Trinomials (1)
	2. Grouping Symbols	14. Factoring Trinomials (2)
	3. Quiz 1: Adding and Subtracting Polynomials	15. Special Cases
	4. Multiplying by a Monomial	16. Complete Factorization
	5. Multiplying Polynomials	17. Quiz 3: Factoring Polynomials
	6. F.O.I.L. and Special Cases	18. Performance Task
	7. Dividing by a Monomial	19. Alternate Performance Task*
	8. Long Division	20. Special Project*
	9. Quiz 2: Multiplying and Dividing Polynomials	21. Review
	10. Greatest Common Factor	22. Test
	11. Factoring Out the GCF	23. Alternate Test*
	12. Factoring by Grouping	24. Glossary and Credits

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Algebra I

Unit 8: Exponential and Radical Functions

Assignments

1. Negative Exponents
2. Exponential Expressions
3. Exponential Functions
4. Scientific Notation
5. Applications of Exponential Functions
6. Quiz 1: Evaluating Exponential Expressions
7. Multiplication
8. Raising to a Power
9. Division
10. Geometric Sequences
11. Geometric Sequences (2)
12. Project: Recursive Sequences
13. Quiz 2: Properties of Exponents
14. Simplifying Radicals
15. Multiplying Radicals
16. Dividing Radicals
17. Adding and Subtracting Radicals
18. Radical Equations
19. Graphing Radical Functions
20. Quiz 3: Radical Functions
21. Performance Task
22. Alternate Performance Task*
23. Special Project*
24. Review
25. Test
26. Alternate Test*
27. Glossary and Credits

Algebra I

Unit 9: Quadratics

Assignments

1. Pythagorean Theorem
2. Distance
3. Systems of Linear and Exponential Equations
4. Midpoint
5. Quiz 1: Formulas
6. Quadratic Functions
7. Transformations
8. Transformations (2)
9. Line of Symmetry
10. Quadratic Inequalities
11. Quiz 2: Graphing Quadratic Functions
12. Solving by Factoring
13. Project: Solving Polynomials by Factoring
14. Square Root Method
15. Applications of Quadratics
16. Rate of Change
17. Completing the Square (1)
18. Completing the Square (2)
19. Quadratic Formula (1)
20. Quadratic Formula (2)
21. Systems of Equations
22. Comparing Functions
23. Function Composition
24. Quiz 3: Solving Quadratic Equations
25. Performance Task
26. Alternate Performance Task*
27. Special Project*
28. Review
29. Test
30. Alternate Test*
31. Glossary and Credits

Algebra I

Unit 10: Rational Expressions

Assignments

1. Simplifying Rational Expressions
2. Multiplying and Dividing Rational Expressions
3. Adding and Subtracting with Like Denominators
4. Adding and Subtracting with Unlike Denominators
5. Quiz 1: Operations with Rational Expressions
6. Proportions
7. Using the LCD
8. Complex Fractions
9. Inequalities
10. Applications of Rational Equations
11. More Problems
12. Quiz 2: Rational Equations and Inequalities
13. Performance Task
14. Alternate Performance Task*
15. Special Project*
16. Review
17. Test
18. Alternate Test*
19. Glossary and Credits

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Algebra I

Unit 11: Probability and Statistics

Assignments

1. Measures of Central Tendency
2. Dispersion
3. Interpreting Data
4. Statistical Relationships
5. Project: Plotting Residuals
6. Project: Data Analysis
7. Quiz 1: Measures of Central Tendency
8. Sampling and Outcomes
9. Permutations
10. Combinations
11. Quiz 2: Outcomes
12. Probability
13. Compound Events
14. Two-Way Frequency Tables
15. Project: Probability
16. Quiz 3: Probability
17. Performance Task
18. Alternate Performance Task*
19. Special Project*
20. Review
21. Test
22. Alternate Test*
23. Glossary and Credits

Algebra I

Unit 12: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam – Form A*
4. Alternate Exam – Form B*

Algebra I

Unit 13: Final Exam

Assignments

1. Exam
2. Alternate Exam – Form A*
3. Alternate Exam – Form B*
4. Performance Task 1*
5. Performance Task 2*

Algebra I

Unit 14: End of Course Exam

Assignments

1. Exam*
2. Alternate Exam – Form A*
3. Alternate Exam – Form B*

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Geometry Fundamentals

Geometry Fundamentals is a full year, high school math course for the student who has successfully completed the prerequisite course, Algebra I. The course focuses on the skills and methods of linear, coordinate, and plane geometry. In it, students will gain solid experience with geometric calculations and coordinate plane graphing, methods of formal proof, and techniques of construction.

By the end of the course, students will be expected to do the following:

- Understand defined terms, axioms, postulates, and theories.
- Apply rules of formal logic and construct proofs in two-column format.
- Know how to solve for angles given parallels, perpendiculars, and transversals.
- Demonstrate how to solve for sides and angles of triangles, quadrilaterals, and polygons.
- Understand trigonometric ratios and know how to use them to solve for unknown sides and angles in given triangles as well as application word problems.
- Be able to determine arcs, chords, and sectors of circles.
- Calculate perimeter, area, and volume of figures and solids.
- Graph lines and determine slopes, midpoints, and distances.
- Interpret and construct the graphs and equations of quadratic functions.
- Make geometric constructions on paper.
- Represent results of motion geometry (translation, rotation, reflection, dilation).
- Calculate simple probabilities using addition, multiplication, permutations, combinations, and frequency tables.

Geometry Fundamentals	**Unit 1: Introduction**	
	Assignments	
	1. Course Overview	11. Geometric Postulates
	2. Mathematic System: Set Theory Review	12. Review of Algebraic Postulates
	3. Mathematic System: Operations with Sets	13. Geometric Theorems
	4. Quiz 1: Set Theory	14. Review of Properties of Algebra
	5. Geometry Undefined Terms: Point	15. Quiz 4: Postulates and Theorems
	6. Geometry Undefined Terms: Line	16. Special Project*
	7. Geometry Undefined Terms: Plane	17. Test
	8. Quiz 2: Undefined Terms	18. Alternate Test*
	9. Defined Terms: Definitions	19. Glossary and Credits
	10. Quiz 3: Defined Terms	

Geometry Fundamentals	**Unit 2: Logic**	
	Assignments	
	1. Logic	12. Proof Formats: Statement of the Theorem
	2. Conjunctions	13. Proof Formats: The Figure
	3. Disjunctions	14. Proof Formats: The Given Statement
	4. Negation	15. Proof Formats: To Prove Statement
	5. Conditional or Implication Statements	16. Proof Formats: The Plan of the Proof
	6. Converse, Inverse, Contrapositive	17. Indirect Proof Format: The Paragraph Proof
	7. Quiz 1: Principles of Logic	18. Quiz 3: Proof Formats

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	8.	Inductive Reasoning	19.	Special Project*
	9.	Deductive Reasoning	20.	Test
	10.	Using Deductive Reasoning	21.	Alternate Test*
	11.	Quiz 2: Inductive and Deductive Reasoning	22.	Glossary and Credits

Geometry Fundamentals	Unit 3: Angles and Parallels			
	Assignments			
	1.	Angle Definitions	15.	Quiz 3: Parallels and Transversals
	2.	Angle Measurement	16.	Construction: Perpendiculars
	3.	Quiz 1: Angles	17.	Construction: Tangents to Circles
	4.	Angle Relationship Definitions	18.	Construction: Parallels
	5.	Angle Relationship Theorems (1)	19.	Classifying Triangles by Sides and Angles
	6.	Angle Relationship Theorems (2)	20.	Exterior and Remote Interior Angles of a Triangle
	7.	Quiz 2: Angle Theorems	21.	Proofs Involving Triangles
	8.	Construction: Copying Figures	22.	Other Polygons
	9.	Construction: Bisecting Figures	23.	Quiz 4: Triangles, Polygons, and Angle Properties
	10.	Basic Properties of Parallels	24.	Special Project*
	11.	Transversals and Special Angles	25.	Test
	12.	More Proofs: Transversals and Special Angles	26.	Alternate Test*
	13.	Continued Proofs: Transversals and Special Angles	27.	Glossary and Credits
	14.	More Proofs for Postulates 9 and 10		

Geometry Fundamentals	Unit 4: Congruent Triangles and Quadrilaterals			
	Assignments			
	1.	Defining Congruent Triangles	16.	Inequality Theorem in One Triangle Part 2
	2.	Proving Triangles Congruent (1)	17.	Inequality Theorem in Two Triangles
	3.	Proving Triangles Congruent (2)	18.	Quadrilateral Parallelograms Theorems Part 1
	4.	Proving Right Triangles Congruent	19.	Quadrilateral Parallelograms Theorems Part 2
	5.	Quiz 1: Congruent Triangles	20.	Quiz 3: Inequalities; Quadrilaterals
	6.	Independent Triangles (1)	21.	Triangles that Use Parallelograms in Proofs
	7.	Independent Triangles (2)	22.	Parallelograms: Rectangles
	8.	Overlapping Triangles (1)	23.	Parallelograms: Rhombus
	9.	Overlapping Triangles (2)	24.	Trapezoids-Definitions and Proofs
	10.	Isosceles Triangles (1)	25.	Quiz 4: Parallelograms; Trapezoids
	11.	Isosceles Triangles (2)	26.	Special Project*
	12.	Construction of Triangles 30-60-90	27.	Test
	13.	Construction of Triangles 45-45-90	28.	Alternate Test*
	14.	Quiz 2: Types of Triangles	29.	Glossary and Credits
	15.	Inequality Theorem in One Triangle Part 1		

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Geometry Fundamentals

Unit 5: Similar Polygons

Assignments

1. Algebra and Ratios
2. Algebra Properties and Proportions
3. Properties of Proportions
4. Quiz 1: Ratios, Properties, and Proportions
5. Meaning of Similarity
6. Meaning of Similarity-Theorems
7. Meaning of Similarity-Proofs
8. Theorems-Similar Polygons
9. Theorems-Special Segments in Triangles
10. Similar Right Triangles
11. The Pythagorean Theorem
12. Theorem about 30-60-90 Right Triangles
13. Theorem about 45-45-90 Right Triangles
14. Quiz 2: Similarity; Triangle Theorems
15. Using Triangles: Rectangular Solids
16. Using Triangles: Regular Square Pyramid
17. Trigonometry-Sine Ratio
18. Trigonometry-Cosine Ratio
19. Trigonometry-Tangent Ratio
20. Using Similar Triangles in Indirect Measurement
21. Using Trigonometry in Indirect Measure
22. Quiz 3: Triangles and Trigonometry
23. Project: Model and Scale Drawing
24. Special Project*
25. Test
26. Alternate Test*
27. Glossary and Credits

GF

Unit 6: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam - Form A*
4. Alternate Exam - Form B*

Geometry Fundamentals

Unit 7: Circles

Assignments

1. Characteristics of Circles
2. Characteristics of Spheres
3. Quiz 1: Circles and Spheres
4. Tangents
5. Arcs
6. Chords
7. Theorems (1)
8. Theorems (2)
9. Quiz 2: Tangents, Arcs, and Chords
10. Special Angles Type 1
11. Special Angles Type 2
12. Special Angles Type 3
13. Special Segments
14. Quiz 3: Special Angles and Segments
15. Construction: Circles
16. Special Project*
17. Test
18. Alternate Test*
19. Glossary and Credits

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Geometry Fundamentals

Unit 8: Area and Volume

Assignments

1. Area Concepts of Polygons
2. Area of Rectangles
3. Area of Parallelograms
4. Area of Triangles and Rhombuses
5. Area of Trapezoids
6. Area of Regular Polygons
7. Area Comparisons of Polygons
8. Quiz 1: Area of Polygons
9. Construction: Polygons
10. Circles: Circumference and PI
11. Circles: Area of Circles
12. Circles: Area of Sectors
13. Circles: Area of Segments
14. Quiz 2: Area of Circles
15. Solids: Prisms
16. Solids: Pyramids
17. Solids: Cylinders
18. Solids: Cones
19. Solids: Spheres
20. Quiz 3: Volume of Solids
21. Construction: Dividing a Segment
22. Construction: 4th Proportion
23. Construction: The Geometric Mean
24. Special Project*
25. Test
26. Alternate Test*
27. Glossary and Credits

Geometry Fundamentals

Unit 9: Coordinate Geometry

Assignments

1. Symmetry
2. Ordered Pairs: Points in a Plane
3. Graphs of Algebraic Sentences
4. Quiz 1: Symmetry, Ordered Pairs, and Graphs
5. Distance Formula
6. Equation of a Circle
7. Midpoint Formula
8. Quiz 2: Distance Formula and Applications
9. Slope
10. Parallel and Perpendicular Lines
11. Equations of Lines
12. Quiz 3: Slope and Lines
13. Figures in the Coordinate Plane
14. Proofs with Coordinate Geometry (1)
15. Proofs with Coordinate Geometry (2)
16. Quiz 4: Figures and Proofs
17. Special Project*
18. Test
19. Alternate Test*
20. Glossary and Credits

Geometry Fundamentals

Unit 10: Transformations

Assignments

1. Introduction: Rigid Motion, or Isometry
2. Isometry: Reflection
3. Isometry: Translation
4. Isometry: Rotation
5. Quiz 1: Isometry
6. Dilation: Congruence and Similarity
7. Product Transformation
8. Inverse and Identity Transformation
9. Quiz 2: Transformations
10. Special Project*
11. Test
12. Alternate Test*
13. Glossary and Credits

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Geometry Fundamentals

Unit 11: Review

Assignments

1. Geometry as a System
2. Geometry Proofs
3. Angle Relationships and Parallels
4. Quiz 1: Review: Units 1-3
5. Congruent Triangles and Quadrilaterals
6. Similar Polygons
7. Circles
8. Quiz 2: Review: Units 4,5,7
9. Area and Volume
10. Coordinate Geometry
11. Quiz 3: Review: Units 7,8,10
12. Special Project*
13. Test
14. Alternate Test*
15. Glossary and Credits

GF

Unit 12: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam - Form A*
4. Alternate Exam - Form B*

GF

Unit 13: Final Exam

Assignments

1. Final Exam
2. Alternate Exam - Form A*
3. Alternate Exam - Form B*

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Geometry

Geometry is a full-year, high school math course for the student who has successfully completed the prerequisite course, Algebra I. The course focuses on the skills and methods of linear, quadratic, coordinate, and plane geometry. In it, students will gain solid experience with geometric calculations and coordinate plane graphing, methods of formal proof, and techniques of construction.

- **Introduction**: Student will solve problems using set theory and operations, identify characteristics of postulates and relate geometric theorems on points, lines, and planes.

- **Logic**: Student will use inductive reasoning to draw reasonable conclusions, or deductive reasoning to prove basic theorems, and write conditional statements, converses, inverses and contrapositives.

- **Angles and Parallels**: Student will identify types of angles, categorize a shape as a polygon or non-polygon, identify different kinds of polygons, and find angle measures of polygons.

- **Congruent Triangles and Quadrilaterals**: Student will identify corresponding parts of congruent triangles, prove congruent parts using different theorems and postulates, and solve for angle measures of congruent polygons.

- **Similar Polygons**: Student will use facts about similarity to calculate side and angle measures in similar polygons, and use sine, cosine, and tangent values to solve for missing values in triangles.

- **Circles**: Student will identify different parts of a circle, and angles and arcs created by different lines interacting with circles, and calculate their measures.

- **Area and Volume**: Student will calculate the area, surface area, and volume of varying polygons by breaking them down into smaller and recognizable shapes.

- **Coordinate Geometry**: Student will graph linear equations and inequalities, use the distance and mid-point formulas to find lengths of segments and perimeters of geometric shapes, and find the equation of a line in various ways.

- **Transformations**: Student will understand rotations, reflections, dilations and translations in terms of angles, circles, perpendicular lines, and line segments, and find the result of combining multiple transformations.

- **Geometric Application**: Student will use the functions sine, cosine, and tangent, and the inverse trigonometric functions (sin-1, cos-1, and tan-1) to calculate unknown side lengths in right triangles, calculate densities, and use ratios to calculate unit scales.

- **Probability**: Student will determine the number of combinations, or permutations, in choosing elements from a set, explain the concept of conditional probability as found in everyday situations, and analyze decisions and strategies using probability concepts.

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Geometry

Unit 1: Introduction

Assignments

1. Course Overview
2. Mathematic System: Set Theory Review
3. Mathematic System: Operations with Sets
4. Quiz 1: Set Theory
5. Geometry Undefined Terms: Point
6. Geometry Undefined Terms: Line
7. Geometry Undefined Terms: Plane
8. Quiz 2: Undefined Terms
9. Defined Terms: Definitions
10. Quiz 3: Defined Terms
11. Geometric Postulates
12. Review of Algebraic Postulates
13. Geometric Theorems
14. Review of Properties of Algebra
15. Quiz 4: Postulates and Theorems
16. Performance Task
17. Alternate Performance Task*
18. Special Project*
19. Test
20. Alternate Test*
21. Glossary and Credits

Geometry

Unit 2: Logic

Assignments

1. Logic
2. Conjunctions
3. Disjunctions
4. Negation
5. Conditional or Implication Statements
6. Converse, Inverse, Contrapositive
7. Quiz 1: Principles of Logic
8. Inductive Reasoning
9. Deductive Reasoning
10. Using Deductive Reasoning
11. Quiz 2: Inductive and Deductive Reasoning
12. Proof Formats: Statement of the Theorem
13. Proof Formats: The Figure
14. Proof Formats: The Given Statement
15. Proof Formats: To Prove Statement
16. Proof Formats: The Plan of the Proof
17. Indirect Proof Format: The Paragraph Proof
18. Quiz 3: Proof Formats
19. Performance Task
20. Alternate Performance Task*
21. Special Project*
22. Test
23. Alternate Test*
24. Glossary and Credits

Geometry

Unit 3: Angles and Parallels

Assignments

1. Angle Definitions
2. Angle Measurement
3. Quiz 1: Angles
4. Geometric Proof
5. Angle Relationship Definitions
6. Angle Relationship Theorems (1)
7. Angle Relationship Theorems (2)
8. Quiz 2: Angle Theorems
9. Construction: Copying Figures
10. Construction: Bisecting Figures
11. Basic Properties of Parallels
12. Transversals and Special Angles
13. More Proofs: Transversals and Special Angles
14. Continued Proofs: Transversals and Special Angles
15. More Proofs for Postulates 9 and 10
13. Quiz 3: Parallels and Transversals
14. Construction: Perpendiculars
15. Construction: Tangents to Circles
16. Construction: Parallels
17. Classifying Triangles by Sides and Angles
18. Exterior and Remote Interior Angles of a Triangle
19. Proofs Involving Triangles
20. Other Polygons
21. Quiz 4: Triangles, Polygons, and Angle Properties
22. Performance Task
23. Alternate Performance Task*
24. Special Project*
25. Test
26. Alternate Test*
27. Glossary and Credits

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Geometry

Unit 4: Congruent Triangles and Quadrilaterals

Assignments

1. Defining Congruent Triangles
2. Proving Triangles Congruent (1)
3. Proving Triangles Congruent (2)
4. Proving Triangles Congruent (3)
5. Proving Right Triangles Congruent
6. Quiz 1: Congruent Triangles
7. Independent Triangles (1)
8. Independent Triangles (2)
9. Overlapping Triangles (1)
10. Overlapping Triangles (2)
11. Isosceles Triangles (1)
12. Isosceles Triangles (2)
13. Construction of Triangles 30-60-90
14. Construction of Triangles 45-45-90
15. Constructing Inscribed Shapes
16. Quiz 2: Types of Triangles
17. Inequality Theorem in One Triangle Part 1
18. Inequality Theorem in One Triangle Part 2
19. Inequality Theorem in Two Triangles
20. Quadrilateral Parallelograms Theorems Part 1
21. Quadrilateral Parallelograms Theorems Part 2
22. Quiz 3: Inequalities; Quadrilaterals
23. Triangles that Use Parallelograms in Proofs
24. Parallelograms: Rectangles
25. Parallelograms: Rhombus
26. Trapezoids-Definitions and Proofs
27. Quiz 4: Parallelograms; Trapezoids
28. Performance Task
29. Alternate Performance Task*
30. Special Project*
31. Test
32. Alternate Test*
33. Glossary and Credits

Geometry

Unit 5: Similar Polygons

Assignments

1. Algebra and Ratios
2. Algebra Properties and Proportions
3. Properties of Proportions
4. Quiz 1: Ratios, Properties, and Proportions
5. Meaning of Similarity
6. Meaning of Similarity-Theorems
7. Meaning of Similarity-Proofs
8. Theorems-Similar Polygons
9. Theorems-Special Segments in Triangles
10. Similar Right Triangles
11. The Pythagorean Theorem
12. Theorem about 30-60-90 Right Triangles
13. Theorem about 45-45-90 Right Triangles
14. Quiz 2: Similarity; Triangle Theorems
15. Using Triangles: Rectangular Solids
13. Using Triangles: Regular Square Pyramid
14. Trigonometry-Sine Ratio
15. Trigonometry-Cosine Ratio
16. Trigonometry-Tangent Ratio
17. Using Similar Triangles in Indirect Measurement
18. Using Trigonometry in Indirect Measure
19. Quiz 3: Triangles and Trigonometry
20. Project: Model and Scale Drawing
21. Performance Task
22. Alternate Performance Task*
23. Special Project*
24. Test
25. Alternate Test*
26. Glossary and Credits
27.

Geometry

Unit 6: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam - Form A*
4. Alternate Exam - Form B*

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Geometry

Unit 7: Circles

Assignments

1. Characteristics of Circles
2. Characteristics of Spheres
3. Quiz 1: Circles and Spheres
4. Tangents
5. Arcs
6. Chords
7. Theorems (1)
8. Theorems (2)
9. Quiz 2: Tangents, Arcs, and Chords
10. Special Angles Type 1
11. Special Angles Type 2
12. Special Angles Type 3
13. Special Segments
14. Quiz 3: Special Angles and Segments
15. Construction: Circles
16. Performance Task
17. Alternate Performance Task*
18. Special Project*
19. Test
20. Alternate Test*
21. Glossary and Credits

Geometry

Unit 8: Area and Volume

Assignments

1. Area Concepts of Polygons
2. Area of Rectangles
3. Area of Parallelograms
4. Area of Triangles and Rhombuses
5. Area of Trapezoids
6. Area of Regular Polygons
7. Area Comparisons of Polygons
8. Quiz 1: Area of Polygons
9. Construction: Polygons
10. Circles: Circumference and PI
11. Circles: Area of Circles
12. Circles: Area of Sectors
13. Circles: Area of Segments
14. Quiz 2: Area of Circles
15. Solids: Prisms
16. Solids: Pyramids
17. Solids: Cylinders
18. Solids: Cones
19. Solids: Spheres
20. Quiz 3: Volume of Solids
21. Two- and Three-Dimensional Shapes
22. Project: Rotating a Two Dimensional Shape
23. Geometric Probability
24. Construction: Dividing a Segment
25. Construction: 4th Proportion
26. Construction: The Geometric Mean
27. Performance Task
28. Alternate Performance Task*
29. Special Project*
30. Test
31. Alternate Test*
32. Glossary and Credits

Geometry

Unit 9: Coordinate Geometry

Assignments

1. Symmetry
2. Ordered Pairs: Points in a Plane
3. Graphs of Algebraic Sentences
4. Quiz 1: Symmetry, Ordered Pairs, and Graphs
5. Distance Formula
6. Perimeter and Area
7. Equation of a Circle
8. Midpoint Formula
9. Quiz 2: Distance Formula and Applications
10. Slope
11. Parallel and Perpendicular Lines
12. Equations of Lines
13. Quiz 3: Slope and Lines
14. Figures in the Coordinate Plane
15. Proofs with Coordinate Geometry (1)
16. Proofs with Coordinate Geometry (2)
17. Quiz 4: Figures and Proofs
18. Performance Task 2
19. Alternate Performance Task 2*
20. Special Project*
21. Test
22. Alternate Test*
23. Glossary and Credits

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Geometry

Unit 10: Transformations

Assignments

1.	Introduction: Rigid Motion, or Isometry	9.	Inverse and Identity Transformation
2.	Isometry: Reflection	10.	Quiz 2: Transformations
3.	Isometry: Translation	11.	Performance Task
4.	Isometry: Rotation	12.	Alternate Performance Task*
5.	Quiz 1: Isometry	13.	Special Project*
6.	Transformation Sequences	14.	Test
7.	Similarity Transformation: Dilation	15.	Alternate Test*
8.	Product Transformation	16.	Glossary and Credits

Geometry

Unit 11: Geometric Application

Assignments

1.	Using SOH CAH TOA in Trigonometry	9.	Modeling with Geometric Figures
2.	Finding the Values of Trigonometric Functions	10.	Density
3.	Law of Sines	11.	Geometry in Design
4.	Quiz 1: Sines	12.	Quiz 3: Modeling Geometry
5.	Ambiguity and Area of a Triangle	13.	Special Project*
6.	Law of Cosines: Finding a Side	14.	Test
7.	Law of Cosines: Finding an Angle	15.	Alternate Test*
8.	Quiz 2: Cosines	16.	Glossary and Credits

Geometry

Unit 12: Probability

Assignments

1.	Definitions, Sample Spaces, and Probability	**10.**	Conditional Probability
2.	Addition of Probabilities	11.	Conditional Probability in Real-World Situations
3.	Multiplication of Probabilities	12.	Two-Way Frequency Tables
4.	Quiz 1: Using Probability	13.	Using Probability in Decision Making
5.	Definitions	14.	Quiz 3: Conditional Probability
6.	Permutations of N Things: Different	15.	Special Project*
7.	Permutations of N things: Not All Different	16.	Test
8.	Combinations	17.	Alternate Test*
9.	Quiz 2: Probability	18.	Glossary and Credits

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Geometry

Unit 13: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam - Form A*
4. Alternate Exam - Form B*

Geometry

Unit 14: Final Exam

Assignments

1. Final Exam
2. Alternate Exam - Form A*
3. Alternate Exam - Form B*
4. Performance Task 1
5. Performance Task 2

Geometry

Unit 15: End of Course Exam

Assignments

1. Exam
2. Alternate Exam - Form A*
3. Alternate Exam - Form B*

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Algebra II Fundamentals

Algebra II Fundamentals is a full-year, high school math course intended for the student who has successfully completed the prerequisite course Algebra I. This course focuses on algebraic techniques and methods in order to develop student understanding of advanced number theory, concepts involving linear, quadratic and polynomial functions, and pre-calculus theories. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to basic trigonometric identities and problem solving.

By the end of the course, students will be expected to do the following:

- Understand set notation and the structure of mathematical systems.
- Know how to use functional notation and operations on functions.
- Simplify and solve algebraic fractions.
- Perform operations on polynomials, including factoring, long division, and synthetic division.
- Solve algebraic word problems involving mixtures, money, integers, and work.
- Evaluate and solve radical expressions and equations.
- Solve systems of equations with graphing, substitution, and matrices.
- Graph and solve quadratic equations, including conic sections.
- Graph and solve exponential and logarithmic equations.
- Calculate permutations, combinations, and complex probabilities.

Algebra II Fundamentals

Unit 1: Set, Structure, and Function

Assignments

1. Course Overview
2. Properties of Sets
3. Operations of Sets
4. Quiz 1: Set Theory
5. Structure: Axioms
6. Structure: Applications
7. Relations and Functions: Definitions
8. Relations and Functions: Graphs
9. Relations and Functions: Function Notation
10. Relations and Functions: Inverses
11. Quiz 2: Relations and Functions
12. Algebraic Expressions: Exponents Part 1
13. Algebraic Expressions: Exponents Part 2
14. Algebraic Expressions: Multiplication and Division Part 1
15. Algebraic Expressions: Multiplication and Division Part 2
16. Exponents of Exponential Expressions
17. Algebraic Expressions: Combining Terms
18. Quiz 3: Algebraic Expressions
19. Special Project*
20. Test
21. Alternate Test*
22. Glossary and Credits

Algebra II Fundamentals

Unit 2: Numbers, Sentences, and Problems

Assignments

1. Number Order and Absolute Value
2. Sums and Products
3. Quiz 1: Numbers
4. Solving Equations
5. Multiplication Property
6. Multi-step Equations
7. Equations with Parentheses
8. Literal Expressions
9. Solving Inequalities
10. Graphing Solution Sets for Inequalities
11. Compound Sentences
12. Quiz 2: Equalities and Inequalities
13. Number Problems
14. Motion Problems
15. Miscellaneous Problems
16. Quiz 3: Problems
17. Special Project*
18. Test
19. Alternate Test*
20. Glossary and Credits

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Algebra II Fundamentals

Unit 3: Linear Equations and Inequalities

Assignments

1. Line Graphs
2. Line Graphs by Two Points
3. Slope of Lines Part 1
4. Slope of Lines Part 2
5. Equations: Point Slope Part 1
6. Equations: Point Slope Part 2
7. Equations: Point Slope Part 3
8. Equations: Slope-Intercept
9. General Equation of a Line
10. Quiz 1: Lines
11. Solutions for Systems of Equations
12. Solutions by Addition
13. Solutions by Substitution
14. Application of Systems of Equations
15. Quiz 2: Solutions for Systems
16. Solving Inequalities
17. Solving Two-order Inequalities
18. Quiz 3: Solving Inequalities
19. Special Project*
20. Test
21. Alternate Test*
22. Glossary and Credits

Algebra II Fundamentals

Unit 4: Polynomials

Assignments

1. Products and Factoring
2. Multiplying Polynomials by Polynomials
3. Using Special Products Part 1
4. Using Special Products Part 2
5. Factoring Trinomials
6. Factoring Special Products Part 1
7. Factoring Special Products Part 2
8. Quiz 1: Special Products
9. Addition and Subtraction Operations
10. Division with Polynomials
11. Synthetic Division
12. Quiz 2: Polynomials
13. Direct Variation
14. Inverse Variation
15. Joint and Combined Variation
16. Quiz 3: Working Variations
17. Project: Creating an Algorithm
18. Special Project*
19. Test
20. Alternate Test*
21. Glossary and Credits

Algebra II Fundamentals

Unit 5: Algebraic Fractions

Assignments

1. Multiplying and Dividing with Fractions
2. Reducing Rational Expressions
3. Multiplying Algebraic Fractions
4. Dividing Algebraic Fractions
5. Quiz 1: Algebraic Fractions
6. Adding and Subtracting Algebraic Fractions
7. Addition and Subtraction
8. Mixed Expressions and Complex Fractions
9. Quiz 2: Addition and Subtraction of Fractions
10. Equations with Fractions
11. Fractional Equations
12. Proportions
13. Quiz 3: Fractional Equations
14. Applications of Fractions
15. Mixture Problems
16. Work Problems
17. Quiz 4: Problems with Fractions
18. Special Project*
19. Test
20. Alternate Test*
21. Glossary and Credits

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Unit 6: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam - Form A*
4. Alternate Exam - Form B*

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Algebra II Fundamentals

Unit 7: Real Numbers

Assignments

1. Real Numbers
2. Law of Radicals
3. Conjugates
4. Radical Equations
5. Quiz 1: Real Numbers
6. Quadratic Equations
7. Factoring Quadratic Equations
8. Completing the Square
9. Quiz 2: Quadratic Solutions
10. Quadratic Formula
11. Word Problems Involving Quadratic Equations
12. Sum and Product of Roots
13. The Discriminant
14. Imaginary Numbers
15. Quiz 3: Quadratic Formula
16. Special Project*
17. Test
18. Alternate Test*
19. Glossary and Credits

Algebra II Fundamentals

Unit 8: Quadratic Relations and Systems

Assignment Titles

1. Distance Formula
2. Circle
3. Ellipse
4. Ellipse Continued
5. Quiz 1: Conics and the Coordinate Plane
6. Conic Sections: Parabola
7. Conic Sections: Parabola Continued
8. Conic Sections: Hyperbola
9. Conic Sections: Hyperbola Continued
10. Identifying Conic Sections
11. Quiz 2: Conics
12. Systems of Equations
13. Solutions of Inequalities
14. Applications of Conic Sections: Part 1
15. Applications of Conic Sections: Part 2
16. Applications of Conic Sections: Part 3
17. Constant of Proportionality
18. Quiz 3: Applications of Conics
19. Special Project*
20. Test
21. Alternate Test*
22. Glossary and Credits

Algebra II Fundamentals

Unit 9: Exponential Functions

Assignment Titles

1. Exponential Functions
2. Fractional Exponents
3. Exponential Equations
4. Graphing Exponential Functions
5. Exponential Applications
6. Quiz 1: Exponential Functions
7. Logarithmic Functions
8. Evaluation of Logarithms
9. Evaluating Exponential Functions, Common Logarithms, and Natural Logarithms
10. General Properties of Logarithms
11. Scientific Notation
12. Calculation of Common Logarithms
13. Graphs of Logarithmic Functions
14. Solving Logarithmic Equations
15. Logarithmic Applications
16. Quiz 2: Logarithmic Functions
17. Matrices
18. System Solutions with Matrices
19. Addition and Multiplication of Matrices
20. Quiz 3: Matrices
21. Special Project*
22. Test
23. Alternate Test*
24. Glossary and Credits

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Algebra II Fundamentals

Unit 10: Counting Principles

Assignment Titles

1. Progressions: Sequences
2. Progressions: Series
3. Quiz 1: Sequences and Series
4. Permutations: Factorials
5. Permutation Formula
6. Permutations: Applications
7. Quiz 2: Permutations
8. Combination Formula
9. Combinations: Applications
10. Combinations: Binomial Coefficients
11. Quiz 3: Combinations
12. Probability: Concepts
13. Probability: Equally Likely Outcomes
14. Probability: Multiplication Principle
15. Conditional Probability
16. Quiz 4: Probability
17. Special Project*
18. Test
19. Alternate Test*
20. Glossary and Credits

Algebra II Fundamentals

Unit 11: Review

Assignment Titles

1. Integers
2. Integers Continued
3. Open Sentences
4. Open Sentences Continued
5. Graphs
6. Graphs Continued
7. Quiz 1: Review
8. Polynomials
9. Polynomials Continued
10. Algebraic Fractions Part 1
11. Algebraic Fractions Part 2
12. Algebraic Fractions Part 3
13. Real Numbers
14. Real Numbers Continued
15. Quiz 2: Review
16. Quadratic Relations and Systems
17. Quadratics Continued
18. Exponential Functions
19. Exponential Functions Continued
20. Counting Principles
21. Counting Principles Continued
22. Quiz 3: Review
23. Special Project*
24. Test
25. Alternate Test*
26. Glossary and Credits

A II F

Unit 12: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam - Form A*
4. Alternate Exam - Form B*

A II F

Unit 13: Final Exam

Assignments

1. Exam
2. Alternate Exam - Form A*
3. Alternate Exam - Form B*

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Algebra II

Algebra II – is a full-year, high school math course intended for the student who has successfully completed the prerequisite course Algebra I. This course focuses on algebraic techniques and methods in order to develop student understanding of advanced number theory, concepts involving linear, quadratic and polynomial functions, and pre-calculus theories. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to basic trigonometric identities and problem solving.

Objectives

- Understand set notation and the structure of mathematical systems.
- Calculate and perform operations with real and imaginary numbers.
- Know how to use functional notation and operations on functions.
- Simplify and solve algebraic fractions.
- Perform operations on polynomials, including factoring, long division, and synthetic division.
- Solve algebraic word problems involving mixtures, money, integers, and work.
- Evaluate and solve radical expressions and equations.
- Solve systems of equations with graphing, substitution, and matrices.
- Graph and solve quadratic equations, including conic sections.
- Graph and solve exponential and logarithmic equations.
- Explore trigonometric identities and functions using the Unit Circle, graphs and modeling.
- Calculate permutations, combinations, and complex probabilities.
- Interpret sample surveys, normal distributions and observational studies.

Algebra II	**Unit 1: Set, Structure, and Function**	
	Assignments	
	1. Course Overview	15. Algebraic Expressions: Exponents Part 1
	2. Properties of Sets	16. Algebraic Expressions: Exponents Part 2
	3. Operations of Sets	17. Algebraic Expressions: Multiplication and Division Part 1
	4. Quiz 1: Set Theory	18. Algebraic Expressions: Multiplication and Division Part 2
	5. Structure: Axioms	19. Exponents of Exponential Expressions
	6. Structure: Applications	20. Algebraic Expressions: Combining Terms
	7. Relations and Functions: Definitions	21. Quiz 3: Algebraic Expressions
	8. Relations and Functions: Graphs	22. Special Project*
	9. Relations and Functions: Domain and Range	23. Test
	10. Relations and Functions: Function Transformations	24. Alternate Test*
	11. Relations and Functions: Function Notation	25. Glossary and Credits
	12. Relations and Functions: Operations	
	13. Relations and Functions: Inverses	
	14. Quiz 2: Relations and Functions	

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Algebra II

Unit 2: Numbers, Sentences, and Problems

Assignments

1. Number Order and Absolute Value
2. Sums and Products
3. Quiz 1: Numbers, Sentences, and Problems
4. Solving Equations
5. Multiplication Property
6. Multi-step Equations
7. Equations with Parentheses
8. Literal Expressions
9. Solving Inequalities
10. Graphing Solution Sets for Inequalities
11. Compound Sentences
12. Quiz 2: Equalities and Inequalities
13. Number Problems
14. Motion Problems
15. Miscellaneous Problems
16. Quiz 3: Problems
17. Performance Task
18. Alternate Performance Task*
19. Special Project*
20. Test
21. Alternate Test*
22. Glossary and Credits

Algebra II

Unit 3: Linear Equations and Inequalities

Assignments

1. Line Graphs
2. Line Graphs by Two Points
3. Slope of Lines Part 1
4. Slope of Lines Part 2
5. Equations: Point Slope Part 1
6. Equations: Point Slope Part 2
7. Equations: Point Slope Part 3
8. Equations: Slope-Intercept
9. General Equation of a Line
10. Quiz 1: Lines
11. Solutions for Systems of Equations
12. Solutions by Addition
13. Solutions by Substitution
14. Application of Systems of Equations
15. Quiz 2: Solutions for Systems
16. Solving Inequalities
17. Solving Two-order Inequalities
18. Quiz 3: Solving Inequalities
19. Performance Task
20. Alternate Performance Task*
21. Special Project*
22. Test
23. Alternate Test*
24. Glossary and Credits

Algebra II

Unit 4: Polynomials

Assignments

1. Products and Factoring
2. Multiplying Polynomials by Polynomials
3. Using Special Products Part 1
4. Using Special Products Part 2
5. Factoring Trinomials
6. Factoring Special Products Part 1
7. Factoring Special Products Part 2
8. Quiz 1: Special Products
9. Addition and Subtraction Operations
10. Division with Polynomials
11. Synthetic Division
12. The Remainder Theorem
13. Graphing Polynomials
14. Quiz 2: Polynomials
15. Numerical Relationships from Identities
16. Direct Variation
17. Inverse Variation
18. Joint and Combined Variation
19. Quiz 3: Working with Variations
20. Project: Creating an Algorithm
21. Performance Task
22. Alternate Performance Task*
23. Special Project*
24. Test
25. Alternate Test*
26. Glossary and Credits

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Algebra II

Unit 5: Algebraic Fractions

Assignments

1. Multiplying and Dividing with Fractions
2. Reducing Rational Expressions
3. Multiplying Algebraic Fractions
4. Dividing Algebraic Fractions
5. Quiz 1: Algebraic Fractions
6. Adding and Subtracting Rational Expressions
7. Addition and Subtraction
8. Mixed Expressions and Complex Fractions
9. Quiz 2: Addition and Subtraction of Fractions
10. Equations with Fractions
11. Fractional Equations
12. Proportions
13. Quiz 3: Fractional Equations
14. Graphs of Rational Functions
15. Graphs of Rational Functions (2)
16. Applications of Fractions
17. Mixture Problems
18. Work Problems
19. Quiz 4: Problems with Fractions
20. Performance Task
21. Alternate Performance Task*
22. Special Project*
23. Test
24. Alternate Test*
25. Glossary and Credits

Algebra II

Unit 6: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam – Form A*
4. Alternate Exam – Form B*

Algebra II

Unit 7: Real Numbers

Assignments

1. Real Numbers
2. Law of Radicals
3. Conjugates
4. Radical Equations
5. Quiz 1: Real Numbers
6. Standard Form of a Quadratic Function
7. Quadratic Equations
8. Factoring Quadratic Equations
9. Completing the Square
10. Quiz 2: Quadratic Solutions
11. Quadratic Formula
12. Graphs of Quadratic Functions
13. Word Problems Involving Quadratic Equations
14. Sum and Product of Roots
15. The Discriminant
16. The Fundamental Theorem of Algebra
17. Imaginary Numbers
18. Complex Solutions
19. Quiz 3: Quadratic Formula
20. Performance Task
21. Alternate Performance Task*
22. Special Project*
23. Test
24. Alternate Test*
25. Glossary and Credits

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Algebra II

Unit 8: Quadratic Relations and Systems

Assignments

1. Distance Formula
2. Circle
3. Ellipse
4. Ellipse Continued
5. Quiz 1: Conics and the Coordinate Plane
6. Conic Sections: Parabola
7. Conic Sections: Parabola Continued
8. Conic Sections: Hyperbola
9. Conic Sections: Hyperbola Continued
10. Identifying Conic Sections
11. Quiz 2: Conics
12. Systems of Equations
14. Solutions of Inequalities
15. Applications of Conic Sections–Part 1
16. Applications of Conic Sections–Part 2
17. Applications of Conic Sections–Part 3
18. Constant of Proportionality
19. Quiz 3: Applications of Conics
20. Performance Task
21. Alternate Performance Task *
22. Special Project*
23. Test
24. Alternate Test*
25. Glossary and Credits

Algebra II

Unit 9: Functions

Assignments

1. Absolute Value Functions
2. Exponential Functions
3. Fractional Exponents
4. Radical Functions
5. Graphs of Piece-Wise Defined Functions
6. Exponential Equations
7. Graphing Exponential Functions
8. Exponential Applications
9. Solving Equations by Graphing Functions
10. Quiz 1: Exponential Functions
11. Logarithmic Functions
12. Evaluation of Logarithms
13. Evaluating Exponential Functions, Common and Natural Logarithms
14. General Properties of Logarithms
15. Scientific Notation
16. Calculation of Common Logarithms
17. Graphs of Logarithmic Functions
18. Solving Logarithmic Equations
19. Graphs of Natural Logarithms
20. Logarithmic Applications
21. Quiz 2: Logarithmic Functions
22. Comparing Functions
23. Inverse Functions
24. Matrices
25. System Solutions with Matrices
26. Addition and Multiplication of Matrices
27. Quiz 3: Matrices
28. Performance Task
29. Alternate Performance Task*
30. Special Project*
31. Test
32. Alternate Test*
33. Glossary and Credits

Algebra II

Unit 10: Counting Principles

Assignments

1. Progressions: Sequences
2. Arithmetic and Geometric Sequences
3. Progressions: Series
4. Quiz 1: Sequences and Series
5. Permutations: Factorials
6. Permutation Formula
7. Permutations: Applications
8. Quiz 2: Permutations
9. Combination Formula
10. Combinations: Applications
11. Combinations: Binomial Coefficients
12. Quiz 3: Combinations
13. Probability: Concepts
14. Probability: Equally Likely Outcomes
15. Probability: Multiplication Principle
16. Conditional Probability
17. Quiz 4: Probability
18. Performance Task
19. Alternate Performance Task*
20. Special Project*
21. Test
22. Alternate Test*
23. Glossary and Credits

Algebra II

Unit 11: Trigonometry

Assignments

1. Trigonometry Basics
2. The Unit Circle
3. Reciprocal Functions
4. Radian Measure
5. Quiz 1: Unit Circle
11. Quiz 3: Graphs
12. Project: Regression Curve
13. Performance Task
14. Alternate Performance Task*
15. Special Project*

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	6. Trigonometric Functions on the Unit Circle	16. Review
	7. Pythagorean Identity	17. Test
	8. Quiz 2: Trigonometric Functions	18. Alternate Test*
	9. Graphs and Amplitude	19. Glossary and Credits
	10. Graphs and Modeling	

Algebra II	Unit 12: Statistics	
	Assignments	
	1. Sample Surveys	11. Appropriate Models
	2. Normal Distributions	12. Modeling Functions
	3. Simulations	13. Regression Models
	4. Experiments	14. Quiz 3: Math Models
	5. Quiz 1: Statistics	15. Special Project*
	6. Observational Studies	16. Review
	7. Probability and Decisions	17. Test
	8. Quiz 2: Statistical Probability	18. Alternate Test*
	9. Performance Task	19. Glossary and Credits
	10. Alternate Performance Task*	

Algebra II	Unit 13: Review	
	Assignments	
	1. Integers	14. Real Numbers Continued
	2. Integers Continued	15. Quiz 2: Review
	3. Open Sentences	16. Quadratic Relations and Systems
	4. Open Sentences Continued	17. Quadratics Continued
	5. Graphs	18. Exponential Functions
	6. Graphs Continued	19. Exponential Functions Continued
	7. Quiz 1: Review	20. Counting Principles
	8. Polynomials	21. Counting Principles Continued
	9. Polynomials Continued	22. Quiz 3: Review
	10. Algebraic Fractions Part 1	23. Special Project*
	11. Algebraic Fractions Part 2	24. Test
	12. Algebraic Fractions Part 3	25. Alternate Test*
	13. Real Numbers	26. Glossary and Credits

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Algebra II

Unit 14: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam – Form A*
4. Alternate Exam – Form B*

Algebra II

Unit 15: Final Exam

Assignments

1. Exam
2. Alternate Exam – Form A*
3. Alternate Exam – Form B*
4. Performance Task 1*
5. Performance Task 2*

Algebra II

Unit 16: End of Course Exam

Assignments

1. Exam
2. Alternate Exam – Form A*
3. Alternate Exam – Form B*

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Pre-calculus

Pre-calculus is a full-year, high school credit course that is intended for the student who has successfully mastered the core algebraic and conceptual geometric concepts covered in the prerequisite courses: Algebra I, Geometry, and Algebra II. The course primarily focuses on the skills and methods of analytic geometry and trigonometry while investigating further relationships in functions, probability, number theory, limits, and the introduction of derivatives.

- **Relations and Functions**: Student will examine functions, inverses of functions and combine functions to verify inverses, as well as distinguish between linear and quadratic functions.

- **Functions**: Student will solve polynomials using the quadratic theorem, remainder theorem and factor theorem, identify graphs of different polynomial equations and inequalities, and understand complex numbers.

- **Trigonometric Functions**: Student will identify and solve for missing components of trigonometric functions, calculating trigonometric values for different angles and relate degrees to radians, and radians to degrees.

- **Circular Functions and their Graphs**: Student will use parametric equations with trigonometric operations to model and solve problems, and calculate amplitude, period, and phase shift for graphed trigonometric functions.

- **Identities and Functions of Multiple Angles**: Student will simplify trigonometric expressions utilizing trigonometric identities, and double and half-angel formulas, and combine the identities and angle formulas learned in this unit to prove trigonometric relationships.

- **Application of Trigonometric Functions**: Student will solve problems using trigonometric functions, and combine trigonometric functions and vectors to solve incline plane problems and navigation problems.

- **Inverse Trigonometric Functions and Polar Coordinates**: Student will solve for unknowns using inverse trigonometric functions, recognize their graphs, and convert equations from Cartesian to polar coordinates, and from polar to Cartesian coordinates.

- **Quadratic Equations**: Student will identify properties and equations of circles, ellipses, parabolas and hyperbolas, and calculate point rotations and apply them to equations.

- **Counting Principles**: Student will distinguish between mutually exclusive, independent and dependent events, and between combination and permutation, and use the explicit formula and the recursive formula to find the nth term as well as the general term of an arithmetic sequence, or geometric sequence.

- **Calculus**: Student will solve functions involving numbers and conditions, understand limit notation, and evaluate limits using the limit theorems, and find the slope of curves, and calculate the angle between two curves.

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Pre-calculus

Unit 1: Relations and Functions

Assignments

1. Course Overview
2. Ordered-Pair Numbers: Relations
3. Ordered-Pair Numbers: Functions
4. Ordered-Pair Numbers: Rules of Correspondence
5. Quiz 1: Relations and Functions
6. Algebra of Functions: Notation
7. Algebra of Functions: Arithmetic
8. Algebra of Functions: Composition
9. Algebra of Functions: Inverse
10. Quiz 2: Relations and Functions
11. Special Project*
12. Test
13. Alternate Test*
14. Glossary and Credits

Pre-calculus

Unit 2: Functions

Assignments

1. Linear Functions: Graphs
2. Linear Functions: Equations
3. Quiz 1: Linear Functions
4. 2nd-Degree Functions: Solutions
5. Relationships Between Zeros and Coefficients
6. Quadratic Inequalities
7. Quiz 2: Second-Degree Functions
8. Polynomial Functions
9. Nth-Degree Equations
10. Solving Polynomial Equations
11. Quiz 3: Polynomial Functions
12. Complex Numbers
13. Operations with Complex Numbers
14. Conjugates and Polynomial Identities
15. Distance and Midpoint
16. Quiz 4: Complex Numbers
17. Rational Inequalities
18. Greatest Integer Function
19. Exponential Function
20. Logarithmic Function
21. Function Combinations
22. Quiz 5: Special Functions
23. Special Project*
24. Test
25. Alternate Test*
26. Glossary and Credits

Pre-calculus

Unit 3: Trigonometric Functions

Assignments

1. Definition of the Trigonometric Functions
2. Quiz 1: Trigonometric Functions
3. Evaluation of Functions
4. Quiz 2: Evaluation of Functions
5. Angle Location
6. Quiz 3: Angle Location
7. Reduction Formulas
8. Quiz 4: Reduction Formulas
9. Quadrantal Angles
10. Quiz 5: Quadrantal Angles
11. Special Angles
12. Quiz 6: Special Angles
13. Radian Measure
14. Quiz 7: Radian Measure
15. Special Project*
16. Test
17. Alternate Test*
18. Glossary and Credits

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Pre-calculus

Unit 4: Circular Functions and Their Graphs

Assignments

1. Circular Functions
2. Quiz 1: Circular Functions
3. Circular Functions of Special Angles
4. Quiz 2: Circular Functions of Special Angles
5. Graphs of Sin and Cos
6. Quiz 3: Graphs of Sin and Cos
7. Other Graphs
8. Quiz 4: Other Graphs
9. Applications
10. Parametric Equations
11. Quiz 5: Applications
12. Amplitude of Circular Functions
13. Quiz 6: Amplitude of Circular Functions
14. Period of Circular Functions
15. Quiz 7: Period of Circular Functions
16. Phase Shift of Circular Functions
17. Quiz 8: Phase Shift of Circular Functions
18. Special Project*
19. Test
20. Alternate Test*
21. Glossary and Credits

Pre-calculus

Unit 5: Identities and Functions of Multiple Angles

Assignments

1. Reciprocal Relations
2. Quiz 1: Reciprocal Relations
3. Pythagorean Relations
4. Quiz 2: Pythagorean Relations
5. Quotient Relations
6. Quiz 3: Quotient Relations
7. Trigonometric Identities
8. Quiz 4: Trigonometric Identities
9. Cosine of the Sum of Two Angles
10. Quiz 5: Cosine of the Sum of Two Angles
11. Additional Sum and Difference Formulas
12. Quiz 6: Additional Sum and Difference Formulas
13. Double- and Half-Angle Formulas
14. Quiz 7: Double- and Half-Angle Formulas
15. Identities
16. Quiz 8: Identities
17. Trigonometric Equations
18. Quiz 9: Trigonometric Equations
19. Special Project*
20. Test
21. Alternate Test*
22. Glossary and Credits

Pre-calculus

Unit 6: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam—Form A*
4. Alternate Exam—Form B*

Pre-calculus

Unit 7: Application of Trigonometric Functions

Assignments

1. Trigonometric Functions of Any Angle
2. Quiz 1: Trigonometric Functions of Any Angle
3. More Trigonometric Functions of Any Angle
4. Quiz 2: Trigonometric Functions
5. Applied Problems
6. Law of Cosines
7. Quiz 3: Law of Cosines
8. Law of Sines
9. Quiz 4: Law of Sines
10. Vectors
11. Operations with Vectors
12. Applications of Vectors
13. More Applications
14. Quiz 5: More Applications
15. Inclined Plane Application
16. Navigation Application
17. Quiz 6: Additional Application Problems
18. Special Project*
19. Test
20. Alternate Test*
21. Glossary and Credits

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Pre-calculus

Unit 8: Inverse Trigonometric Functions and Polar Coordinates

Assignments

1. The Inverse Sine Function
2. Quiz 1: The Inverse Sine Function
3. The Inverse Cosine Function
4. Quiz 2: The Inverse Cosine Function
5. The Inverse Tangent Function
6. Quiz 3: The Inverse Tangent Function
7. Other Inverse Functions
8. Quiz 4: Other Inverse Functions
9. Graphs of Inverse Functions
10. Quiz 5: Graphs of Inverse Functions
11. Graphing Polar Coordinates
12. Quiz 6: Graphing Polar Coordinates
13. Converting Coordinates
14. Quiz 7: Converting Coordinates
15. Converting Cartesian Equations to Polar Equations
16. Quiz 8: Converting Cartesian Equations to Polar Equations
17. Converting Polar Equations to Cartesian Equations
18. Quiz 9: Converting Polar Equations to Cartesian Equations
19. Graphing Polar Equations
20. Quiz 10: Graphing Polar Equations
21. Project: De Moivre's Theorem
22. Special Project*
23. Test
24. Alternate Test*
25. Glossary and Credits

Pre-calculus

Unit 9: Quadratic Equations

Assignments

1. The Circle
2. The Circle Continued
3. Equation from Three Points
4. Equation from Three Points Applied
5. The Ellipse
6. The Ellipse: Standard Form
7. The Ellipse: General Form
8. The Ellipse Applied
9. Quiz 1: Quadratic Equations
10. The Parabola
11. The Parabola Continued
12. The Parabola: Standard Form
13. The Parabola Applied
14. The Hyperbola
15. Quiz 2: Quadratic Equations
16. Translation
17. Translation of Equations
18. Rotation
19. Rotation of Equations
20. Quiz 3: Quadratic Equations
21. Special Project*
22. Test
23. Alternate Test*
24. Glossary and Credits

Pre-calculus

Unit 10: Counting Principles

Assignments

1. Definitions, Sample Spaces, and Probability
2. Addition of Probabilities
3. Multiplication of Probabilities
4. Quiz 1: Probability
5. Definitions
6. Permutation of N Things: Different
7. Permutation of N Things: Not All Different
8. Circular Permutations
9. Combinations
10. Binomial Theorem
11. Quiz 2: Probability
12. Arithmetic and Geometric Sequences
13. Summation
14. Arithmetic and Geometric Series
15. Quiz 3: Sequences and Series
16. Proofs by Mathematical Induction
17. Special Project
18. Test
19. Alternate Test
20. Glossary and Credits

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Pre-calculus

Unit 11: Calculus and Review

Assignments

1. Functional Notation
2. Difference Quotient
3. Limits
4. Quiz 1: Limits
5. Slope of a Curve
6. Slope of a Line
7. Angle Between Curves
8. Quiz 2: Slopes and Curves
9. Review: Relations and Functions
10. Review: Trigonometric and Circular Functions
11. Review: Identities, Multiple Angle Functions
12. Review: Inverse Trig Functions; Polar Coordinates; Quadratics
13. Review: Probability and Calculus
14. Quiz 3: Reviews
15. Special Project
16. Test
17. Alternate Test
18. Glossary and Credits

Pre-calculus

Unit 12: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam—Form A*
4. Alternate Exam—Form B*

Pre-calculus

Unit 13: Final Exam

Assignments

1. Exam
2. Alternate Exam—Form A*
3. Alternate Exam—Form B*

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Science

Science 300

Science 300 is a basic elementary course intended to expose students to the designs and patterns in God's physical universe. This course provides a broad survey of the major areas of science. Some of the areas covered in Science 300 include the human body, plants, animals, health and nutrition, matter, sound waves, earth science, and heat energy.

The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects designed to build on children's natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Collectively, this should help students develop a subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Demonstrate a basic understanding of the systems in a human body.
- Discuss the process a plant goes through in order to grow.
- Explain the difference between types of animals.
- Determine which eating and care habits are the most healthy for students.
- Distinguish between the three phases of matter and describe their properties.
- Explain how sound travels.
- Describe why time and seasons change.
- Discuss how rocks are formed and how they change.
- Explain how heat is produced.

Science 300	Unit 1: You Grow and Change			
	Assignments			
	1.	Course Overview	11.	Experiment: Taking Your Pulse
	2.	Your Body Breathes Air	12.	Project: Bone Numbers*
	3.	The Body Needs Oxygen	13.	Quiz 3
	4.	Experiment: Breathing Patterns	14.	Your Body is Different from an Animal
	5.	Experiment: Your Lungs*	15.	Quiz 4
	6.	Quiz 1	16.	Special Project*
	7.	Your Body Digests Food	17.	Review Game
	8.	Experiment: Taste Test	18.	Test
	9.	Quiz 2	19.	Alternate Test*
	10.	Your Body Exercises and Rests	20.	Reference

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Science 300

Unit 2: Plants

Assignments

1. Plant Parts
2. Experiment: Root Hairs
3. Experiment: Study a Stem*
4. Quiz 1
5. Plant Growth
6. Experiment: Grow Some Plants
7. Quiz 2
8. Plant Changes
9. Experiment: Watch Bean Seeds Grow
10. Experiment: Plant a Piece of Potato*
11. Experiment: Bean Plant*
12. Quiz 3
13. Special Project*
14. Review Game
15. Test
16. Alternate Test*
17. Reference

Science 300

Unit 3: Animals: Growth and Change

Assignments

1. Animals and The Environment
2. Experiment: Hourly Temperature Changes
3. Experiment: Heat Energy Comparison*
4. Project: Desert Locations*
5. Quiz 1
6. How Animals are Different
7. Animal Structures
8. Project: Vertebrate Chart
9. Eating and Breathing
10. Project: Sort Birds By Type*
11. Quiz 2
12. How Animals Grow and Change
13. Project: Sow Bug Environment
14. Quiz 3
15. Special Project*
16. Review Game
17. Test
18. Alternate Test*
19. Reference

Science 300

Unit 4: You Are What You Eat

Assignments

1. How to Build a Healthy Body
2. How to Build a Healthy Body-2
3. Quiz 1
4. How to Plan for Healthy Eating
5. Project: Breakfast Chart
6. Project: Lunch Chart*
7. Project: Dinner Chart*
8. Project: Chart Totals*
9. Quiz 2
10. How to Form Good Health Habits
11. Caring for the Eyes and Body
12. Quiz 3
13. Special Project*
14. Review Game
15. Test
16. Alternate Test*
17. Reference

Science 300

Unit 5: Properties of Matter

Assignments

1. Chemistry and Robert Boyle
2. Experiment: Be a Chemist
3. Properties of Matter
4. Experiment: Volume
5. Experiment: Think about Mass*
6. Experiment: Is Air Matter?*
7. Project: Matter List*
8. Experiment: Is Water Matter?*
9. Quiz 1
10. Physical Changes
11. Experiment: Mass Measurement
12. Experiment: Melting Ice Cubes*
13. Chemical Changes
14. Quiz 2
15. Special Project*
16. Review Game
17. Test
18. Alternate Test*
19. Reference

Science 300

Unit 6: Sounds and You

Assignments

1. What is Sound?
2. Experiment: Vibrations
3. Quiz 1
4. How Does Sound Travel?
11. How Do You Hear Sounds?
12. Experiment: Think About Hearing
13. Report: How Animals Hear*
14. Quiz 3

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	5. How Are Different Sounds Made?	15. Special Project*
	6. Experiment: Sound Patterns	16. Review Game
	7. Report: Read and Write About Sound	17. Test
	8. Experiment: High and Low Sounds	18. Alternate Test*
	9. Experiment: Loud or Soft?*	19. Reference
	10. Quiz 2	

Science 300	Unit 7: Time and Seasons	
	Assignments	
	1. How the Earth Moves	9. Quiz 2
	2. Experiment: The Earth	10. Why Seasons Change
	3. Experiment: Night	11. Quiz 3
	4. Experiment: The Earth's Rotation*	12. Special Project*
	5. Quiz 1	13. Review Game
	6. Why Time Changes	14. Test
	7. Experiment: Different Times	15. Alternate Test*
	8. Report: Months*	16. Reference

Science 300	Unit 8: Rocks and Their Change	
	Assignments	
	1. How Rocks are Formed: By Heat	10. Report: Mount Rushmore
	2. Rocks Formed by Volcanoes	11. Rocks are Used for Enjoyment
	3. How Rocks are Formed: By Pressure	12. Quiz 3
	4. Experiment: Bubbling Grains of Rock	13. Special Project*
	5. Quiz 1	14. Review Game
	6. Rocks are Changed by Wind and Water	15. Test
	7. Rocks are Changed by Heat and Plants	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Rocks are Used for Building	

Science 300	Unit 9: Heat Energy	
	Assignments	
	1. Heat Energy (Part 1)	10. Experiment: Changing Liquid to Gas
	2. Experiment: Feeling Friction	11. Quiz 2
	3. Experiment: Oxygen and Fire	12. Heat Energy Affects Our Lives
	4. Heat Energy (Part 2)	13. Quiz 3
	5. Experiment: Static Electricity*	14. Special Project*
	6. Quiz 1	15. Review Game
	7. What Heat Energy Is and Does	16. Test
	8. Experiment: Water Molecules	17. Alternate Test*
	9. Movement of Heat Energy	18. Reference

Science 300	Unit 10: Review	
	Assignments	
	1. Physical Change: Change in Man	10. Experiment: How Sound Travels
	2. Physical Change: Change in Plants	11. Experiment: Temperature Comparisons
	3. Physical Change: Change in Animals	12. Quiz 3
	4. Quiz 1	13. Special Project*
	5. The Earth	14. Review Game
	6. Seasons and Times	15. Test
	7. Project: Rock Collection	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Sounds and Energy	

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Science 400

Science 400 is a basic elementary course intended to expose students to the designs and patterns in God's physical universe. This course builds on concepts taught in Science 300, providing a broad survey of the major areas of science. Some of the areas covered in Science 400 include the study of plants and animals, ecology, work and simple machines, electricity and magnetism, properties of water and matter, weather, solar system, and the different spheres of earth.

The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects to capitalize on children's natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Collectively, this should help students develop and build on their subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Describe different uses for plants.
- Discuss the differences among the ways that different animals act.
- Understand how people are responsible for preserving and conserving nature.
- Explain the different types of simple machines.
- Describe an electrical current and how it relates to magnetism.
- Demonstrate an understanding of the different properties of water.
- Observe weather and how it affects people.
- Describe our solar system.
- Discuss the three different spheres of the earth and how they interact.
- Explain the changes in seasons and time.

Science 400	Unit 1: Plants			
	Assignments			
	1.	Course Overview	11.	How Plant Parts Function
	2.	Plant Life	12.	Experiment: Celery
	3.	Plants Used As Food and Shelter	13.	How Plant Parts Function (Part 2)
	4.	Project: Things Made of Wood*	14.	How Plant Parts Function (Part 3)
	5.	Report: Read and Write*	15.	Quiz 2
	6.	Plants Used For Enjoyment and Symbols	16.	Special Project*
	7.	Report: Flowers as State Symbols	17.	Review Game
	8.	Report: Flower Paragraph*	18.	Test
	9.	Quiz 1	19.	Alternate Test*
	10.	Parts of Plants	20.	Reference

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Science 400

Unit 2: Animals

Assignments

1. How Animals are Structured
2. Whales
3. Report: Types of Whales
4. Birds
5. Reptiles and Fish
6. Report: Writing about Fish*
7. Project: Observing Fish*
8. How Animals Eat and Digest Food
9. How Animals Breathe
10. Quiz 1
11. How Animals Act: Mammals
12. How Animals Act: Salmon
13. How Animals Act: Birds
14. How Animals Act: Insects
15. Report: Honeybee Habits
16. Quiz 2
17. Animal Instinct
18. Man Protects Animals
19. Project: Animal Scrapbook*
20. Quiz 3
21. Special Project*
22. Review Game
23. Test
24. Alternate Test*
25. Reference

Science 400

Unit 3: Man and His Environment

Assignments

1. Ecology
2. Project: Your Environment*
3. Resources
4. Food Chains
5. Ecosystem Populations
6. Project: Populations*
7. Balance of Nature
8. Project: Make a Pyramid*
9. Report: Rabbits in Australia*
10. Quiz 1
11. Water Communities
12. Experiment: Still Water Life*
13. Land Communities
14. Project: Human Communities
15. Report: Read and Write*
16. Project: Terrarium or Diorama*
17. Report: Forest Community*
18. Quiz 2
19. Misuse of the Environment
20. Project: Ask an Expert*
21. Report: Endangered Species*
22. Resource Conservation
23. Report: How to Save Energy*
24. Environmental Preservation
25. Report: Special Treasures*
26. Quiz 3
27. Special Project*
28. Review Game
29. Test
30. Alternate Test*
31. Reference

Science 400

Unit 4: Machines

Assignments

1. Machines Are Needed: Work
2. Report: Galileo*
3. Experiment: Gravity*
4. Machines Are Needed: Energy
5. Quiz 1
6. Simple Machines: Lever
7. Experiment: Hammer and Nail
8. Experiment: Seesaw*
9. Simple Machines: Inclined Plane
10. Experiment: Inclined Plane*
11. Simple Machines: Wedge and Screw
12. Experiment: Screw and Nail*
13. Simple Machines: Wheel and Axle
14. Simple Machines: Pulleys
15. Experiment: Pulleys*
16. Quiz 2
17. Compound Machines
18. Quiz 3
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

Science 400

Unit 5: Electricity and Magnetism

Assignments

1. Electricity
2. Report: Thomas Edison
3. Experiment: Static Electricity
4. Currents and Circuits
5. Project: Conductors
13. Experiment: Make a Magnet
14. Experiment: Magnet Poles*
15. Experiment: Testing a Magnet*
16. Experiment: Generate Electricity*
17. Experiment: Electromagnet*

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6. Experiment: Wet Cell*
7. Project: Electric Objects*
8. Electrical Use and Safety
9. Project: Fuses in Use
10. Quiz 1
11. Magnetism
12. Experiment: Use a Magnet
18. Report: Explorers*
19. Quiz 2
20. Special Project*
21. Review Game
22. Test
23. Alternate Test*
24. Reference

Science 400

Unit 6: Water and Matter

Assignments

1. Water
2. Experiment: Ice
3. Experiment: Ice Volume*
4. Water as a Liquid
5. Experiment: Potato*
6. Water as a Gas
7. Experiment: Forming Dew*
8. Water as a Solvent
9. Experiment: Solubility
10. Quiz 1
11. Matter
12. Molecules and Atoms
13. Experiment: Molecules*
14. Elements
15. Quiz 2
16. Special Project*
17. Review Game
18. Test
19. Alternate Test*
20. Reference

Science 400

Unit 7: Weather

Assignments

1. The Atmosphere
2. Experiment: Air and Space*
3. Temperature
4. Experiment: Temperature
5. Air Pressure
6. Experiment: Pressure
7. Quiz 1
8. Forces of Weather
9. Sand and Dust Storms
10. Report: Hurricanes*
11. Quiz 2
12. Prediction of Weather
13. Project: Thermometers*
14. Quiz 3
15. Special Project*
16. Review Game
17. Test
18. Alternate Test*
19. Reference

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Science 400

Unit 8: Our Solar System and the Universe

Assignments

1. A Trip Through Space
2. Our Big Universe
3. Report: Astronomy Instruments
4. Essay: Astronomy*
5. Quiz 1
6. The Sun
7. Essay: Ancient People*
8. Movements
9. Report: Isaac Newton*
10. Heavenly Bodies Around the Sun
11. Our Moon
12. Experiment: Moon Phases
13. Quiz 2
14. The Stars and Space
15. Essay: Astrology*
16. The Milky Way and Other Galaxies
17. Quiz 3
18. Special Project*
19. Review Game
20. Test
21. Alternate Test*
22. Reference

Science 400

Unit 9: The Planet Earth

Assignments

1. The Air (Atmosphere)
2. Experiment: Condensation
3. Gases in the Atmosphere
4. Quiz 1
5. The Water (Hydrosphere)
6. Essay: Psalm 147*
7. Salt Water
8. Experiment: Currents*
9. Quiz 2
10. The Land (Lithosphere)
11. Experiment: Shadows
12. Earth's Land Formations
13. Earth's Rotation and Revolution
14. Quiz 3
15. Special Project*
16. Review Game
17. Test
18. Alternate Test*
19. Reference

Science 400

Unit 10: Understanding God's Wonderful Creation

Assignments

1. Review: The Solar System
2. Review: The Earth
3. Quiz 1
4. Review: Matter
5. Review: Water
6. Review: Weather
7. Project: Weather Scrapbook*
8. Quiz 2
9. Review: Electricity and Magnetism
10. Project: Thomas Alva Edison*
11. Review: Machines
12. Quiz 3
13. Review: Ecology
14. Review: Conservation
15. Report: Passenger Pigeon*
16. Quiz 4
17. Special Project*
18. Review Game
19. Test
20. Alternate Test*
21. Reference

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Science 500

Science 500 is a basic elementary course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 300 and Science 400 courses, providing a broad survey of the major areas of science. Some of the areas covered in Science 500 include the study of cells, plants and animals, ecology, energy, geology, properties of matter, and the natural cycles of life.

The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects to capitalize on the students' natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should begin to understand interrelationships between organisms, recognize patterns in ecosystems, and become aware of the cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Demonstrate an understanding of cells and their structure, both plant and animal.
- Differentiate between plants, animals, fungi, protozoa, and algae.
- Explain interactions between different life forms.
- Discuss different energy transformations.
- Describe geology and how it relates to the Flood.
- Demonstrate an understanding of fossil types and the formation of fossils.
- Understand natural cycles.

Science 500	Unit 1: Cells	
	Assignments	
	1. Course Overview	12. Tissue
	2. The Basic Unit of Living Things: A Cell	13. Quiz 2
	3. Viewing Cells	14. Cells: Energy and Growth of Cells
	4. Experiment: Skin Cells	15. Cell Reproduction
	5. Quiz 1	16. Quiz 3
	6. The Life and Activity of Cells	17. Special Project*
	7. Plants and Unicellular Organisms	18. Review Game
	8. Experiment: Onion Cells	19. Test
	9. Experiment: Pond Water Examination	20. Alternate Test*
	10. Experiment: Cheek Cells	21. Reference
	11. Experiment: Blood Cells	

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Science 500

Unit 2: Plants: Life Cycles

Assignments

1. Classifying Living Things and Plants
2. Parts of Plants
3. Quiz 1
4. Seed Bearing Plants
5. Flowering Plants
6. Experiment: Flower Dissection
7. Fertilization
8. Experiment: Seed Dissection
9. Cone-Bearing Plants
10. Project: Examining Cones
11. Project: Seed Hunt*
12. Quiz 2
13. Spore Bearing Plants and Fungi
14. Fern Plants
15. Report: Walking Fern*
16. Fungi
17. Experiment: Mold
18. Quiz 3
19. One-celled Living Things
20. Quiz 4
21. Special Project*
22. Review Game
23. Test
24. Alternate Test*
25. Reference

Science 500

Unit 3: Animals: Life Cycles

Assignments

1. Invertebrates: Life Cycles
2. One-celled Animal-like Protists
3. Report: Protozoa*
4. Egg-Laying Invertebrates
5. Experiment: Mealworm*
6. Report: The Spider*
7. Report: Insect Study*
8. Worms and Mollusks
9. Quiz 1
10. Vertebrates: Life Cycles
11. Egg-Laying Vertebrates
12. Egg-Laying Vertebrates (Part 2)
13. Egg-Laying Vertebrates (Part 3)
14. Experiment: Chicken Egg*
15. Live-Bearing Vertebrates
16. Report: Mammals*
17. Essay: God and Animals*
18. Quiz 2
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

Science 500

Unit 4: Balance in Nature

Assignments

1. Balance of Nature: Physical Environment
2. Project: Cycles*
3. Ecosystems
4. Project: Terrarium Project
5. Quiz 1
6. The Prairie: Web of Life
7. Project: Prairie Land*
8. The Prairie: Web of Life (Part 2)
9. Report: Prairie Birds*
10. The Prairie: Food Chains
11. Project: Prairie Food Chain*
12. Project: Special Environments*
13. Quiz 2
14. Humans and the Web of Life
15. Humans and the Web of Life (Part 2)
16. Quiz 3
17. Special Project*
18. Review Game
19. Test
20. Alternate Test*
21. Reference

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Science 500	Unit 5: Transformation of Energy		
	Assignments		
	1. Energy	11. Energy in the Future	
	2. Work	12. Future Sources of Energy	
	3. Quiz 1	13. Experiment: Solar Energy for Heat	
	4. Work From Energy	14. Quiz 3	
	5. Experiment: Heat From the Sun*	15. Special Project*	
	6. Forms of Energy	16. Review Game	
	7. Experiment: Heat from Bending*	17. Test	
	8. Experiment: Heat Energy from a Chemical Reaction*	18. Alternate Test*	
	9. Chemical Energy	19. Reference	
	10. Quiz 2		

Science 500	Unit 6: Records in the Rock: the Flood	
	Assignments	
	1. Before the Flood: The Bible Record	9. After the Flood: The Bible Record
	2. Before the Flood: The Physical Record	10. After the Flood: The Physical Record
	3. Quiz 1	11. Quiz 3
	4. The Flood: The Bible Record	12. Special Project*
	5. Project: Interview with Noah*	13. Review Game
	6. The Flood: The Physical Record	14. Test
	7. Report: Ancient Flood Stories*	15. Alternate Test*
	8. Quiz 2	16. Reference

Science 500	Unit 7: Records in the Rock: Fossils	
	Assignments	
	1. Fossil Formation	11. Project: Fossil Clues*
	2. Project: Mold Fossil Copy	12. Reading Fossils: Reconstruction
	3. Project: Cast Fossil Copy*	13. Project: Fill in the Skeleton*
	4. Fossil Formation Part 2	14. Project: Be Creative*
	5. Fossil Locations	15. Quiz 2
	6. Quiz 1	16. Special Project*
	7. Reading Fossils: Identification	17. Review Game
	8. Reading Fossils: Earth's Age	18. Test
	9. Project: Plant and Animal Fossils*	19. Alternate Test*
	10. Reading Fossils: Difficulties	20. Reference

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Science 500

Unit 8: Records In Rock: Geology

Assignments

1. Features of the Earth
2. Project: Compare an Orange and the Earth
3. Layers of the Earth
4. Rocks on the Earth's Surface
5. Project: Examine a Mineral*
6. Kinds of Rocks
7. Report: Rocks*
8. Project: Rock Hunt*
9. Quiz 1
10. Changes in the Earth: Surface Change
11. Experiment: Erosion*
11. Causes of Surface Change
12. Earthquakes and Volcanoes
13. Project: Volcano Summary*
14. Results of Forces
15. Quiz 2
16. Special Project*
17. Review Game
18. Test
19. Alternate Test*
20. Reference

Science 500

Unit 9: Cycles in Nature

Assignments

1. Properties of Matter
2. Properties of Matter (Part 2)
3. Experiment: Volume
4. Changes in Matter
5. Experiment: Water Container*
6. Experiment: Types of Changes*
7. Conservation of Matter
8. Experiment: Conservation of Matter*
9. Structure of Matter
10. Quiz 1
11. The Four Seasons
12. The Cause of Seasons
13. Project: Globe*
14. Comets
15. Report: Famous Comets*
16. Life
17. Experiment: Water Evaporation*
18. Quiz 2
19. God's Order
20. Quiz 3
21. Special Project*
22. Review Game
23. Test
24. Alternate Test*
25. Reference

Science 500

Unit 10: Look Ahead

Assignments

1. Living Things: Plants, Fungi, Protists, and Monerans
2. Living Things: Animals and Animal-Like Protists
3. Living Things: Balance of Nature
4. Quiz 1
5. The Earth: Records of Life
6. The Earth: Fossils
7. The Earth: Records in Rock
8. Quiz 2
9. Order in Creation
10. Energy and Work
11. Matter
12. Quiz 3
13. Special Project*
14. Review Game
15. Test
16. Alternate Test*
17. Reference

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Science 600

Science 600 is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 300-500 elementary courses, providing a broad survey of the major areas of science. Some of the areas covered in Science 600 include the study of plant and animal systems, plant and animal behavior, genetics, the structure of matter, light and sound, kinematics, planet Earth, the solar system, and astronomy.

The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects to capitalize on children's natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should begin to understand interrelationships between organisms, recognize patterns in ecosystems, and become aware of the cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Describe the different systems in plants and animals.
- Explain the different ways plants and animals behave.
- Explain how Mendel used observation to develop his theories.
- Demonstrate a basic knowledge of chemical structure and the periodic table.
- Discuss light and sound waves.
- Describe motion as it relates to force and work.
- Explain how time and season are related to the rotation and revolution of the earth.
- Identify common stars and constellations.

Science 600	Unit 1: Plant Systems	
	Assignments	
	1. Course Overview	13. Transport System: Stems and Leaves
	2. Photosynthesis: Location	14. Experiment: Celery
	3. Experiment: Anacharis Photosynthesis	15. Quiz 2
	4. Photosynthesis: The Leaf Factory	16. Regulatory System
	5. Experiment: Seeds	17. Experiment: Growing Roots*
	6. Photosynthesis: Products	18. Quiz 3
	7. Experiment: Digestive Enzymes	19. Special Project*
	8. Photosynthesis: Raw Materials	20. Review Game
	9. Investigation: Plant Growth	21. Test
	10. Quiz 1	22. Alternate Test*
	11. Transport System: Roots	23. Reference
	12. Experiment: Root Observation	

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Science 600

Unit 2: Body Systems

Assignments

1. Digestive System: Structure
2. Digestive System: Function
3. Experiment: Digestion
4. Digestive System: Function (Part 2)
5. Experiment: Oil and Soap
6. Experiment: Passing Food
7. Quiz 1
8. Circulatory System
9. Experiment: Pulse Rate
10. Project: Heart*
11. Excretory System
12. Experiment: Carbon Dioxide
13. Project: Lungs*
14. Experiment: Evaporation and Cooling
15. Quiz 2
16. Muscular System
17. Skeletal System
18. Quiz: Bone Quiz*
19. Quiz 3
20. Special Project*
21. Review Game
22. Test
23. Alternate Test*
24. Reference

Science 600

Unit 3: Plants and Animal Behavior

Assignments

1. The Nervous System
2. Report: The Eye
3. Report: The Ear
4. Nerves and Spinal Column
5. Response and Intelligence
6. Report: Instincts*
7. Experiment: Response*
8. Experiment: Trial and Error*
9. Quiz 1
10. Plant Behavior
11. Investigation: Tropisms
12. Quiz 2
13. Terrestrial Biomes
14. Aquatic Biomes
15. Food Chains
16. Nature: Cycles and Balance
17. Report: Man's Influence*
18. Quiz 3
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

Science 600

Unit 4: Molecular Genetics

Assignments

1. Reproduction
2. Project: Flower Structure*
3. Male-Female Reproduction
4. Project: Lima Bean Embryo*
5. Quiz 1
6. Inheritance
7. Project: Mendel's Discovery*
8. Taste, Dominance, and Multiple Genes
9. Experiment: Taste Gene Lab
10. Project: Traits*
11. Quiz 2
12. DNA
13. Experiment: Albinos*
14. Report: Genetics*
15. Mutation
16. The Use of Mutations
17. Project: Pea Pod*
18. Temperature Influence on Coloration
19. Quiz 3
20. Special Project*
21. Review Game
22. Test
23. Alternate Test*
24. Reference

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Science 600

Unit 5: Chemical Structure and Change

Assignments

1. Chemical Structure
2. Experiment: Solid, Liquid, Gas
3. Chemical Elements and Atoms
4. Molecules and Compounds
5. Experiment: Copper Iodide
6. Experiment: Calcium Carbonate
7. Quiz 1
8. Periodic Table
9. Project: Water Molecule Model
10. Atomic Mass
11. Project: Atomic Number*
12. Arrangement of the Periodic Table
13. Project: Use the Periodic Table
14. Quiz 2
15. Chemical Change
16. Project: Chart and Diagram*
17. Report: Chemical Discoveries*
18. Acids and Bases
19. Experiment: Acid or Base?
20. Project: From Memory*
21. Project: Cause and Effect*
22. Project: Chemical Symbols*
23. Project: Discussion*
24. Quiz 3
25. Special Project*
26. Review Game
27. Test
28. Alternate Test*
29. Reference

Science 600

Unit 6: Light and Sound

Assignments

1. Waves: Sound
2. Experiment: Test Tube Tunes
3. Project: Sound Vibrations
4. Light Waves
5. Project: Light Waves
6. Project: Refracted Light
7. Quiz 1
8. The Spectrum
9. Project: Color Spectrum
10. Project: Create a Rainbow*
11. Quiz 2
12. Colors
13. Project: Color Wheel
14. Experiment: Subtractive Colors
15. Experiment: Mixing Colored Lights*
16. Mixing Colors
17. Experiment: Mixing Colorants*
18. Quiz 3
19. Special Project*
20. Review Game
21. Test
22. Alternate Test*
23. Reference

Science 600

Unit 7: Motion and Its Measurement

Assignments

1. Motion, Force, and Work
2. Measurement of Work
3. Experiment: Forces of Lifting and Pulling
4. Project: Unscramble Activity*
5. Quiz 1
6. Power and Newton's Laws of Motion
7. Report: Horsepower and Watts*
8. Experiment: Your Horsepower*
9. Newton's Laws of Motion and Gravitation
10. Experiment: The Law of Inertia
11. Quiz 2
12. Change in Motion
13. Quiz 3
14. Special Project*
15. Review Game
16. Test
17. Alternate Test*
18. Reference

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Science 600

Unit 8: Spaceship Earth

Assignments

1. Earth's Motion
2. Experiment: Balloon Globe*
3. Earth's Rotation
4. Time
5. Experiment: Observing Shadows
6. Earth's Orbit
7. Quiz 1
8. Eclipses
9. Project: Fact or Opinion*
10. Experiment: Eclipses
11. Quiz 2
12. The Solar System
13. Report: Planets*
14. Asteroids, Comets, and Meteoroids
15. Quiz 3
16. Special Project*
17. Review Game
18. Test
19. Alternate Test*
20. Reference

Science 600

Unit 9: Astronomy and the Stars

Assignments

1. Astronomy
2. Report: Great Astronomers*
3. Astronomy Today
4. Quiz 1
5. Stars
6. Elements and Spectra
7. Project: The Spectroscope*
8. Experiment: Spectrography*
9. Experiment: Oil on Water*
10. Magnitude and Luminosity
11. Light Years and Astronomical Units
12. Quiz 2
13. Constellations and Major Stars
14. Project: Betelgeuse and Aldebaran
15. Project: Constellations*
16. Quiz 3
17. Special Project*
18. Review Game
19. Test
20. Alternate Test*
21. Reference

Science 600

Unit 10: The Earth and the Universe

Assignments

1. The Photosynthesis System
2. The Transport System of Plants
3. The Digestive System
4. The Excretory System
5. Skeletal and Muscular Systems
6. The Nervous System
7. Genetics and Reproduction
8. Ecological Systems
9. Report: Biomes*
10. Quiz 1
11. Physics and Chemistry: Matter
12. Physics and Chemistry: Light
13. Physics and Chemistry: Sound
14. Physics and Chemistry: Motion
15. Physics and Chemistry: Machines
16. Quiz 2
17. Earth's Rotation
18. Earth's Revolution
19. Our Solar System
20. Quiz 3
21. Special Project*
22. Review Game
23. Test
24. Alternate Test*
25. Reference

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General Science I

General Science I is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 600 course, providing a set of basic scientific skills and a broad survey of the major areas of science. Some of the areas covered in General Science I include the scientific method, overview of the four major areas of science, mathematics in science, astronomy, the atmosphere, natural cycles, weather and climate, human anatomy and physiology, and careers in science.

The course seeks to develop the student's ability to be aware of and participate in scientific inquiry. The units contain experiments and projects to capitalize on the students' natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should show understanding of interrelationships between organisms, recognize patterns in systems, and expand their knowledge of cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

- **What is Science:** Students will explore the tools and methods of a scientist, the four major areas of science, and look at several careers in science.
- **Perceiving Things:** Students will learn about the metric system, different types of measurement and methods of presenting data.
- **Earth in Space (Part 1):** Students will learn about the constellations and the history of astronomy.
- **Earth is Space (Part 2):** Students will learn the components of the solar system and their movements.
- **The Atmosphere:** Students will learn about the structure of the atmosphere, and the cycles occurring within it.
- **Weather:** Students will learn about the causes of weather, how it is measured and forecasted.
- **Climate:** Students will explore the types of climates around the world and the factors that affect climate.
- **The Human Anatomy (Part 1):** Students will explore the building blocks of the human body and several of its systems.
- **The Human Anatomy (Part 2):** Students will learn about other systems in the human body.
- **Working in Science:** Student will explore different types of scientists and the work they do.

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General Science I

Unit 1: What is Science?

Assignments

1. Course Overview
2. Tools of a Scientist 1
3. Tools of a Scientist 2
4. Quiz 1: Tools of a Scientist
5. Methods of a Scientist 1
6. Methods of a Scientist 2
7. Quiz 2: Methods of a Scientist
8. The Scientist
9. The Four Major Areas of Science
10. Quiz 3: Work of a Scientist
11. Careers in Science
12. Quiz 4: Careers in Science
13. Special Project*
14. Test
15. Alternate Test*
16. Reference

General Science I

Unit 2: Perceiving Things

Assignments

1. Measurement: The Metric System
2. Measurement: Size and Distance
3. Measurement: Area
4. Measurement: Volume
5. Measurement: Mass and Density
6. Quiz 1: Measurement
7. Graphs: Uses, Bar, and Line
8. Graphs: Pictographs and Pie Charts
9. Experiment: Making Graphs
10. Quiz 2: Graphing Data
11. Special Project*
12. Test
13. Alternate Test*
14. Reference

General Science I

Unit 3: Earth in Space (1)

Assignments

1. Stargazing
2. Star Charts
3. Experiment: Constellations
4. Quiz 1: Stargazing
5. Astronomy
6. Experiment: Astrolabe*
7. Quiz 2: Astronomy
8. Astronomers
9. Essay: Galileo*
10. Quiz 3: Astronomers
11. Special Project*
12. Test
13. Alternate Test*
14. Reference

General Science I

Unit 4: Earth in Space (2)

Assignments

1. The Sun's Energy
2. Quiz 1: The Sun's Energy
3. The Sun's Family
4. Outer Planets
5. Asteroids and Comets
6. Quiz 2: The Sun's Family
7. The Moon
8. Quiz 3: The Moon
9. Eclipses
10. Quiz 4: Eclipses
11. Special Project*
12. Test
13. Alternate Test*
14. Reference

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General Science I

Unit 4: Earth in Space (2)

Assignments

1. The Sun's Energy
2. Quiz 1: The Sun's Energy
3. The Sun's Family
4. Outer Planets
5. Asteroids and Comets
6. Quiz 2: The Sun's Family
7. The Moon
8. Quiz 3: The Moon
9. Eclipses
10. Quiz 4: Eclipses
11. Special Project*
12. Test
13. Alternate Test*
14. Reference

General Science I

Unit 5: The Atmosphere

Assignments

1. Structure of the Atmosphere
2. Solar Effects
3. Experiment: The Greenhouse
4. Quiz 1: Structure of the Atmosphere
5. Water Cycle
6. Other Natural Cycles
7. Quiz 2: Natural Cycles
8. Pollution
9. Quiz 3: Pollution
10. Special Project*
11. Test
12. Alternate Test*
13. Reference

General Science I

Unit 6: Weather

Assignments

1. Elements of Weather
2. Wind
3. Pressure
4. Experiment: Dew Point
5. Quiz 1: Elements of Weather
6. Weather in Motion
7. Fronts
8. Quiz 2: Weather in Motion
9. Weather Forecasting
10. Quiz 3: Weather Forecasting
11. Special Project*
12. Test
13. Alternate Test*
14. Reference

General Science I

Unit 7: Climate

Assignments

1. Climate: General
2. Quiz 1: Climate: General
3. Climate: Worldwide
4. Quiz 2: Climate: Worldwide
5. Regional Climate Types
6. Distribution of Climate Types in the World
7. Quiz 3: Regional Climate Types and Distribution of Climate Types
8. Special Project*
9. Test
10. Alternate Test*
11. Reference

General Science I

Unit 8: The Human Anatomy (Part 1)

Assignments

1. Human Building Blocks
2. Experiment: Cheek Cell
3. Quiz 1: Human Building Blocks
4. Human Framework
5. Skin
6. Quiz 2: Human Framework
7. Human Nervous System
8. Project: Human Brain*
9. Senses
10. Quiz 3: Human Nervous System and Senses
11. Special Project*
12. Test
13. Alternate Test*
14. Reference

General Science I

Unit 9: The Human Anatomy (Part 2)

Assignments

1. The Respiratory System
2. Quiz 1: The Respiratory System
3. The Circulatory System
4. Experiment: Heart Rate
5. Quiz 2: The Circulatory System
8. The Excretory System
9. Quiz 4: The Excretory System
10. The Endocrine System
11. Quiz 5: The Endocrine System
12. Special Project*

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	6. The Digestive System--Part 1	13. Test
	7. The Digestive System--Part 2	14. Alternate Test*
	8. Quiz 3: The Digestive System	16. Reference

General Science I		
	Unit 10: Working in Science	
	Assignments	
	1. Scientists at Work	12. The Medical Scientist at Work
	2. Experiment: Red Celery	13. Nervous and Endocrine Systems
	3. Famous Scientists	14. Circulatory and Respiration Systems
	4. Quiz 1: Scientists at Work	15. Digestive and Excretory Systems
	5. The Astronomer at Work	16. Quiz 4: The Medical Scientist at Work and Body Systems
	6. Planets	17. Special Project*
	7. Quiz 2: The Astronomer at Work	18. Test
	8. The Meteorologist at Work	19. Alternate Test*
	9. Studying the Weather	20. Reference
	10. Studying Climates	
	11. Quiz 3: The Meteorologist at Work	

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General Science II

General Science II is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 600 and General Science I courses, providing a set of basic scientific skills and a broad survey of the major areas of science. Some of the areas covered in General Science II include the history of science, structure and properties of matter, health and nutrition, types of energy, electricity and magnetism, work, energy, forces, simple machines, balance in nature, natural cycles and resources.

The course seeks to develop the student's ability to be aware of and participate in scientific inquiry. The units contain experiments and projects to capitalize on the students' natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should show understanding of interrelationships between organisms and the environment, recognize patterns in systems, and expand their knowledge of cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

- **Science and Society:** Students will define science, describe its history, and use their main senses for observation of the world around them.
- **Structure of Matter (Part 1):** Students will describe elements and compounds in the terms of atoms and molecules.
- **Structure of Matter (Part 2):** Students will demonstrate a knowledge of the different changes in matter.
- **Health and Nutrition:** Students will learn how to develop good health habits.
- **Energy (Part 1):** Students will explain and give examples of the different types of energy.
- **Energy (Part 2):** Students will define magnetism and electricity and describe their relationship.
- **Machines (Part 1):** Students will define force and work, and evaluate the relationship that exists between work and energy.
- **Machines (Part 2):** Students will describe the different types of simple machines.
- **Balance in Nature:** Students will discuss the balance in nature regarding the different cycles.
- **Science and Technology:** Student will review the other units and explore careers in science and technology.

General Science II

Unit 1: Science and Society

Assignments

1. Course Overview
2. Science Today
3. Post-Renaissance Science
4. Essay: Mendel
5. Quiz 1
6. Today's Scientist
7. Quiz 2
8. Science and Technology
9. Essay: Da Vinci*
10. Limitations
11. Quiz 3
12. Special Project*
13. Test
14. Alternate Test*
15. Reference

General Science II

Unit 2: Structure of Matter (Part 1)

Assignments

1. Properties of Matter (1)
2. Experiment: Determining Volume
3. Experiment: Metric Measurements*
10. Compounds
11. Mixtures
12. Experiment: Mixtures

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	4. Properties of Matter (2)	13. Quiz 3
	5. Quiz 1	14. Special Project*
	6. Atoms and Molecules	15. Test
	7. Molecules	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Elements	

General Science II	Unit 3: Structure of Matter (Part 2)	
	Assignments	
	1. Matter and Change	10. Bases
	2. Experiment: Phase Changes	11. Experiment: Cabbage
	3. Solutions	12. Quiz 3
	4. Chemical Changes	13. Salts
	5. Experiment: Forms of Change	14. Quiz 4
	6. Nuclear Changes	15. Special Project*
	7. Quiz 1	16. Test
	8. Acids	17. Alternate Test*
	9. Quiz 2	18. Reference

General Science II	Unit 4: Health and Nutrition	
	Assignments	
	1. Foods and Digestion	8. Quiz 3
	2. Quiz 1	9. Hygiene
	3. Diet	10. Quiz 4
	4. Experiment: Food Record	11. Special Project*
	5. Quiz 2	12. Test
	6. Nutritional Diseases	13. Alternate Test*
	7. Essay: Nutrition	14. Reference

General Science II	Unit 5: Energy (Part 1)	
	Assignments	
	1. Mechanical Energy	8. Energy Conversion and Entropy
	2. Potential Energy	9. Essay: Entropy*
	3. Quiz 1	10. Quiz 3
	4. Other Forms of Energy	11. Special Project*
	5. Chemical Energy	12. Test
	6. Atomic Energy	13. Alternate Test*
	7. Quiz 2	14. Reference

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General Science II

Unit 6: Energy (Part 2)

Assignments

1. Magnetism
2. Experiment: Magnetism
3. Electricity and Magnetism
4. Quiz 1
5. Electricity
6. Electrical Circuits
7. Quiz 2
8. Energy for the Future
9. Experiment: Hot Dog Cooker*
10. Quiz 3
11. Special Project*
12. Test
13. Alternate Test*
14. Reference

General Science ii

Unit 7: Machines (Part 1)

Assignments

1. Distance
2. Essay: Scientists
3. Measuring Distance
4. Quiz 1
5. Force
6. Force Vectors
7. Quiz 2
8. Work
9. Work and Energy
10. Quiz 3
11. Special Project*
12. Test
13. Alternate Test*
14. Reference

General Science II

Unit 8: Machines (Part 2)

Assignments

1. Friction
2. Types of Friction
3. Experiment: Friction Investigation
4. Quiz 1
5. Levers
6. Quiz 2
7. Wheel and Axle, Pulleys, and Gears
8. Experiment: Pencil Sharpener
9. Quiz 3
10. Inclined Plane, Wedge, and Screw
11. Quiz 4
12. Special Project*
13. Test
14. Alternate Test*
15. Reference

General Science II

Unit 9: Balance in Nature

Assignments

1. Photosynthesis and Food
2. Food
3. Quiz 1
4. Natural Cycles
5. The Water Cycle
6. Quiz 2
7. Balance and Disruption
8. Resources
9. Quiz 3
10. Special Project*
11. Test
12. Alternate Test*
13. Reference

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General Science II	Unit 10: Science and Technology	
	Assignments	
	1. Basic Science	10. Life Science
	2. Characteristics of Matter	11. Quiz 3
	3. Matter in Change	12. Vocations in Science and Technology
	4. Quiz 1	13. Quiz 4
	5. Energy	14. Special Project*
	6. Chemical and Atomic Energy	15. Test
	7. Magnetism and Electricity	16. Alternate Test*
	8. Machines at Work	17. Reference
	9. Quiz 2	

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Integrated Physics and Chemistry

Integrated Physics and Chemistry is a physical science course designed for high school students needing an entry-level science course covering basic concepts found in chemistry and physics. Topics included in this course are matter, motion and forces, work and energy, electricity and magnetism, and waves.
Throughout the course, students will have opportunities to observe simulations, investigate ideas, and solve problems, both online and away from the computer.

- **Explorations in Physical Science:** Students will employ the scientific method, measurements and calculations to conduct experiments.
- **The Structure of Matter:** Students will explore the structure of matter, including atomic structure, elements, compounds, and mixtures.
- **Matter and Change:** Students will explore the chemical changes that matter can go through.
- **States of Matter:** Students will explore the states of matter and the process that matter goes through for its state to change.
- **Motion and Forces:** Students will describe the motion of objects, Newton's laws that predict that motion, and how the motion is measured.
- **Work and Energy:** Students will explore various types of energy, simple machines, and the work that they can do.
- **Heat Flow:** Students will describe heat, heat flow, and the laws of thermodynamics, as well as explore uses of heat flow.
- **Electricity and Magnetism:** Students will explore the relationship between electricity and magnetism.
- **Waves:** Students will explore the properties and characteristics of waves.
- **Chemistry and Physics in Our World:** Students will discuss how chemistry and physics are at work in our daily lives, and explore basic astronomical principles.

Integrated Physics and Chemistry

Unit 1: Explorations in Physical Science

Assignments

1.	Course Overview	10.	Mass and Density
2.	What is Science?	11.	Experiment: Determining Density*
3.	The Scientific Method	12.	Experiment: Density Column
4.	Experiment: Making Observations	13.	Quiz 2: Measuring Matter
5.	Quiz 1: Nature of Science	14.	Special Project*
6.	The Metric System	15.	Review
7.	Scales	16.	Test
8.	Volume	17.	Alternate Test*
9.	Experiment: Determining Volume	18.	Glossary and Credits

Integrated Physics and Chemistry

Unit 2: The Structure of Matter

Assignments

1.	The History of Atomic Theory	11.	Mixtures
2.	Experiment: Atomic Structure	12.	Separating Mixtures
3.	The Atomic Model	13.	Experiment: Separating a Mixture
4.	Quiz 1: Atomic Structure	14.	Quiz 3: Mixtures
5.	Elements and Their Properties	15.	Special Project*

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6. The Periodic Table
7. Trends on the Periodic Table
8. Experiment: Identifying an Unknown
9. Compounds
10. Quiz 2: Pure Substances
16. Review
17. Test
18. Alternate Test*
19. Glossary and Credits

Integrated Physics and Chemistry

Unit 3: The Structure of Matter

Assignments

1. States of Matter
2. Changes of State
3. Experiment: Graphing Changes of State
4. Solutions - The Dissolving Process
5. Acids and Bases
6. Experiment: The Cabbage Indicator
7. Quiz 1: Physical Changes
8. Chemical Bonding
9. Atomic Structure and Bonding
10. Experiment: Chemical Changes
11. Chemical Reactions and Conservation of Mass
12. Types of Chemical Reactions
13. Quiz 2: Chemical Changes
14. Radioactivity
15. Nuclear Reactions
16. Experiment: Half-Life
17. Nuclear Energy
18. Quiz 3: Nuclear Changes
19. Special Project*
20. Review
21. Test
22. Alternate Test*
23. Glossary and Credits

Integrated Physics and Chemistry

Unit 4: States of Matter

Assignments

1. Properties of Solids
2. Experiment: Comparing Hardness and Density of Solids
3. Elasticity and Strength in Solids
4. Electrical Conductivity in Solids
5. Quiz 1: Solids
6. Characteristics of Liquids
7. Experiment: Viscosity
8. Pressure in Liquids
9. Archimedes' Principle and Flotation
10. Liquids and Capillary Action
11. Quiz 2: Liquids
12. General Characteristics of Gases
13. Pressure and Volume in Gases
14. Experiment: Pressure in Gases
15. Temperature and Volume Changes in Gases
16. Quiz 3: Gases
17. Special Project
18. Review
19. Test
20. Alternate Test*
21. Glossary and Credits

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Integrated Physics and Chemistry

Unit 5: Motion and Forces

Assignments

1. Distance and Displacement
2. Speed and Velocity
   Acceleration
3. Motion Graphs
4. Experiment: Motion Graphs
5. Momentum
6. Project: Virtual lab - Conservation of Momentum
7. Quiz 1: Motion
8. Forces
9. Friction
10. Distance and Displacement
11. Newton's Laws
12. Project: Virtual Lab - Newton's Laws
13. Experiment: Propulsion
14. Centripetal Force
15. Quiz 2: Forces
16. Project: Virtual Lab - Circular Motion
17. Special Project*
18. Review
19. Test
20. Alternate Test*
21. Glossary and Credits

IPC

Unit 6: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam - Form A*
4. Alternate Exam - Form B*

Integrated Physics and Chemistry

Unit 7: Work and Energy

Assignments

1. Forms of Energy
2. Work
3. Mechanical Energy
4. Conservation of Energy
5. Experiment: Potential and Kinetic Energy
6. Power
7. Quiz 1: Work, Energy, and Power
8. Simple Machines; Levers
9. Mechanical Advantage and Efficiency
10. Pulleys; Wheels and Axles
11. Inclined Planes, Wedges, and Screws
12. Project: Virtual Lab - Simple Machines
13. Experiment: Inclined Planes
14. Quiz 2: Simple Machines
15. Project: Virtual Lab - Projectiles
16. Special Project*
17. Review
18. Test
19. Alternate Test*
20. Glossary and Credits

Integrated Physics and Chemistry

Unit 8: Heat Flow

Assignments

1. Thermodynamics and Entropy
2. Specific Heat Capacity
3. Heat Flow
4. Experiment: Insulators
5. Quiz 1: Energy Transfer
6. Heating Systems
7. Experiment: Heat and Expansion
8. Cooling and Refrigeration
9. Heat Engines
10. Quiz 2: Heat Flow and Technology
11. Special Project*
12. Review
13. Test
14. Alternate Test*
15. Glossary and Credits

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Integrated Physics and Chemistry

Unit 9: Electricity and Magnetism

Assignments

1. Electric Charges
2. Static Electricity
3. Experiment: Electrostatic Investigations
4. Electric Current
5. Circuits
6. Electrical Energy and Power
7. Project: Virtual Lab - Circuits
8. Quiz 1: Electricity
9. Magnetism
10. Magnetism and Electricity
11. Experiment: Diverting a Magnetic Field
12. Magnetic Fields in Space
13. Quiz 2: Magnetism
14. Special Project*
15. Review
16. Test
17. Alternate Test*
18. Glossary and Credits

Integrated Physics and Chemistry

Unit 10: Waves

Assignments

1. Waves and Energy Transfer
2. Types of Waves
3. Properties of Waves
4. Experiment: Changing the Speed of a Wave
5. The Behavior of Waves
6. Quiz 1: Wave Characteristics and Properties
7. Sound Vibrations
8. Detecting Sound
9. Project: Virtual Lab - Sound
10. Experiment: Using Vibrations to Produce Sound
11. Doppler Effect
12. Project: Virtual Lab - Doppler Effect
13. Beats, Resonance, and Harmonics
14. Quiz 2: Sound
15. Light and the Electromagnetic Spectrum
16. Properties of Light
17. Reflection and Mirrors
18. Experiment: Law of Reflection
19. Lenses
20. Quiz 3: Light
21. Project: Virtual Lab - Light
22. Special Project*
23. Review
24. Test
25. Alternate Test*
26. Glossary and Credits

Integrated Physics and Chemistry

Unit 11: Chemistry and Physics in Our World

Assignments

1. Carbon Dioxide and Global Warming
2. Experiment: Carbon Dioxide and Water Acidity
3. Fossil Fuels' Effect on the Environment
4. Media and Science
5. Experiment: Water Acidity and the Environment
6. Quiz 1: Environmental Chemistry
7. Atomic Spectra and Moving Stars
8. The Temperature of Stars
9. Kepler and the Motion of the Spheres
10. Experiment: Kepler's Second Law
11. Quiz 2: Space Physics
12. Special Project*
13. Review
14. Test
15. Alternate Test*
16. Glossary and Credits

IPC

Unit 12: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam - Form A*
4. Alternate Exam - Form B*

IPC

Unit 13: Final Exam

Assignments

1. Final Exam
2. Alternate Exam - Form A*
3. Alternate Exam - Form B*

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Biology

Biology is intended to expose students to the designs and patterns of living organisms that have been created by God. In preceding years, students should have developed a foundational understanding of life sciences. This biology course will expand upon that knowledge and incorporate more abstract knowledge. The student's understanding should encompass both the micro and macro aspects of life and this biology course includes both. The major concepts covered are taxonomy, the chemical basis of life, cellular structure and function, genetics, microbiology, botany, human anatomy and physiology, and ecological principles.

Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Biology should be preceded or accompanied by an Algebra I course.

- **Taxonomy:** Key to Organization: Students will explore the history of taxonomy, and describe and differentiate between the Artificial and Natural Systems of Taxonomy.
- **Chemistry of Life:** Students will demonstrate a knowledge of molecular structure as it relates to organic compounds.
- **Cells:** Students will describe cells, their different parts, and the function of a cell.
- **Cell Division and Reproduction:** Students will describe the processes of cell division and distinguish between asexual and sexual reproduction.
- **Genetics:** God’s Plan of Inheritance: Students will discuss the importance of Mendel’s work and results that led to the principle of segregation and the principle of dominance and recessiveness.
- **Microbiology:** Students will explore the six-kingdom classification system and identify which kingdoms are composed of prokaryotes and which are made up of eukaryotes.
- **Plants:** Green Factories: Students will describe the make-up of plant cells and the process of photosynthesis and respiration.
- **Human Anatomy and Physiology:** Students will describe the human body systems.
- **Ecology, Pollution, and Energy:** Students will discuss ecological relationships, pollution, and energy sources.
- **Principles and Applications of Biology:** Students will study the principles of life and the applications of biology.

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Biology

Unit 1: Taxonomy: Key to Organization

Assignments

1. Course Overview
2. The History of Taxonomy
3. Quiz 1
4. Binomial Nomenclature
5. Concept of Species
6. Quiz 2
7. Plant and Animal Classification
8. Experiment: Fruit
9. Activity: Keying Plants*
10. Activity: Keying Animals*
11. Search For A System
12. Quiz 3
13. Taxonomy and Origins
14. Models of Origin
15. Project: Research
16. Project: Origins*
17. Quiz 4
18. Special Project*
19. Test
20. Alternate Test*
21. Reference

Biology

Unit 2: Chemistry of Life

Assignments

1. Molecular Basis of Life
2. Quiz 1
3. Properties of Compounds
4. Experiment: Static Electricity
5. Covalent Bonding
6. Experiment: Temperature Control*
7. Importance of Inorganic Compounds
8. Experiment: Water Properties
9. Experiment: Indicators*
10. Quiz 2
11. Chemical Reactions
12. Quiz 3
13. Organic Compounds
14. Carbohydrates
15. Experiment: Starch*
16. Lipids
17. Nucleic Acids
18. Quiz 4
19. Enzymes
20. Experiment: Digestion*
21. Quiz 5
22. Special Project*
23. Test
24. Alternate Test*
25. Reference

Biology

Unit 3: Cells

Assignments

1. The Cell - An Introduction
2. The Microscope
3. Experiment: Introducing the Microscope
4. Experiment: Plant, Animal, and Algae Cells
5. Experiment: Onion Cells*
6. Quiz 1
7. Cell Design
8. Cell Membrane Function
9. Project: Virtual Lab - Osmosis
10. Experiment: Osmosis
11. Organelles
12. Production of Needed Material
13. Quiz 2
14. Cells in Organisms
15. Experiment: Tissues*
16. Quiz 3
17. Special Project*
18. Test
19. Alternate Test*
20. Reference

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Biology

Unit 4: Cell Division and Reproduction

Assignments

1. Cell Division
2. Meiosis
3. Stages of Mitosis
4. Experiment: Mitosis
5. Quiz 1
6. Asexual Reproduction
7. Experiment: Regeneration*
8. Plants
9. Experiment: Bulb Structure*
10. Practical Applications in Plants
11. Experiment: Cuttings*
12. Quiz 2
13. Sexual Reproduction
14. Fertilization
15. Experiment: Sexual Reproduction*
16. Quiz 3
17. Sexual Reproduction in Animals
18. Experiment: Tissue Structure
19. Metamorphosis
20. Quiz 4
21. Sexual Reproduction in Plants
22. Life Cycles of Ferns and Pines
23. Experiment: Ferns and Pines*
24. Experiment: Flowers*
25. Quiz 5
26. Special Project*
27. Test
28. Alternate Test*
29. Reference

Biology

Unit 5: Genetics: God's Plan of Inheritance

Assignments

1. Genetics: God's Plan of Inheritance
2. Probabilities
3. Experiment: Probability
4. Cross Predictions
5. Application of Mendelian Genetics
6. Quiz 1
7. Chromosome Basis of Heredity
8. Chromosomes in Meiosis
9. Sex Chromosomes
10. Quiz 2
11. Molecular Genetics
12. Experiment: Molecular Genetics
13. Quiz 3
14. Human Genetics
15. Factors Studied
16. Inherited Diseases
17. Quiz 4
18. Special Project*
19. Test
20. Alternate Test*
21. Reference

Biology

Unit 6: Microbiology

Assignments

1. Microbial Taxonomy
2. Fungi
3. Experiment: Fungus All Around (Part 1)
4. Experiment: Fungus All Around (Part 2)
5. Quiz 1: Microbial Taxonomy and Fungi
6. Animal-like Protists
7. Experiment: Protozoan Culture
8. Quiz 2: Animal-like Protists
9. Plant-like Protists (Algae)
10. Fungus-like Protists
11. Quiz 3: Plant- and Fungus-like Protists
12. Eubacteria
13. Activity: Pathogenic Bacteria Report
14. Archaea
15. Viruses, Prions, and Viroids
16. Experiment: Algae Observations
17. Quiz 4: Eubacteria, Archaea, Viruses, Prions, and Viroids
18. Special Project*
19. Test: Microbiology
20. Alternate Test*: Microbiology
21. Reference

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Biology	Unit 7: Plants: Green Factories	
	Assignments	
	1. How Is a Plant Made?	11. Experiment: Terrarium*
	2. Parts of the Plant Cell	12. Respiration
	3. Anatomy and Morphology	13. Quiz 3
	4. Quiz 1	14. How do Plants Help People?
	5. How do Plants Grow?	15. Quiz 4
	6. Experiment: Seeds	16. Special Project*
	7. Developmental Anatomy	17. Test
	8. Quiz 2	18. Alternate Test*
	9. How do Plants Work?	19. Reference
	10. Photosynthesis: A Closer Look	

Biology	Unit 8: Human Anatomy and Physiology	
	Assignments	
	1. Digestive System	12. Quiz 2
	2. Excretory System	13. Environmental Interactions
	3. Respiratory System	14. Sensory Systems: The Eye
	4. Circulatory System	15. Sensory Systems: Hearing, Taste, Touch
	5. The Heart	16. Endocrine System
	6. Experiment: Heart Rate	17. Immune System and Disease
	7. Quiz 1	18. Quiz 3
	8. Body Framework	19. Special Project*
	9. Muscular System	20. Test
	10. Experiment: Muscle Types*	21. Alternate Test*
	11. Reproductive System	22. Reference

Biology	Unit 9: Ecology, Pollution, and Energy	
	Assignments	
	1. Principles of Ecology	12. Pollution Affects Ecology
	2. Environmental Factors	13. Pollution Problems
	3. Food Chains	14. Quiz 3
	4. Quiz 1	15. Energy Affects Ecology
	5. Ecological Relationships	16. Essay: Stewardship
	6. Communities and Habitats	17. Quiz 4
	7. Experiment: Habitats	18. Special Project*
	8. Experiment: Biomes*	19. Test
	9. Experiment: Quadrats*	20. Alternate Test*
	10. Experiment: Inventory*	21. Reference
	11. Quiz 2	

Biology	Unit 10: Principles and Applications of Biology	
	Assignments	
	1. Study of Life	8. Applications of Biology
	2. Definition of Life	9. Green Revolution
	3. Quiz 1	10. Quiz 3
	4. Basic Principles of Life	11. Special Project*
	5. Control System	12. Test
	6. Environment of Life	13. Alternate Test*
	7. Quiz 2	14. Reference

Chemistry

Chemistry is intended to expose students to the designs and patterns in the world that God has created. In preceding years, students should have developed an understanding for the macroscopic properties of substances and been introduced to the

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microstructure of substances. This chemistry course will expand upon that knowledge, further develop the microstructure of substances, and teach the symbolic and mathematical world of formulas, equations, and symbols. The major concepts covered are measurement, atomic structure, chemical formulas and bonding, chemical reactions, stoichiometry, gases, chemical equilibrium, and organic chemistry.

Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Chemistry should be preceded by an Algebra I course and preceded or accompanied by an Algebra II course

- **Measurement and Analysis:** Students will explore different types of laboratory measurements.
- **Starting the Investigation:** How to Identify Elements, Compounds, and Mixtures: Students will explore the chemical and physical properties of elements, compounds, and mixtures.
- **Exploring Laws for Gases and Conservation of Mass:** Students will explore the kinetic molecular theory, the gas laws and the conservation of mass.
- **The Discovery of Atoms:** Nature's Building Blocks: Students will describe the history and current atomic theory.
- **Molecular Structure:** Students will explore stoichiometry, chemical bonding, and polar properties.
- **Chemical Reactions, Rates and Equilibrium:** Students will observe chemical changes, reaction rates, and factors that affect equilibrium.
- **Equilibrium Systems:** Students will explore solutions and equilibrium systems.
- **Carbon Chemistry: Hydrocarbons:** Students will describe organic compounds and saturated and unsaturated hydrocarbons.
- **Carbon Chemistry: Functional Groups:** Students will explore and describe the functional groups in hydrocarbons.

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Chemistry

Unit 1: Measurement and Analysis

Assignments

1. Course Overview
2. An Introduction to Chemistry and Metric Measurement
3. Report: Metric System*
4. Quiz 1: Metric Conversions
5. Showing Precision in Measurements
6. Using Significant Figures to Show the Reliability of Data
7. Using Scientific Notation with Significant Figures
8. Quiz 2: Precision, Significant Figures, and Scientific Notation
9. Measuring Volume in the Chemistry Laboratory
10. Practice in Measuring Metric Volumes
11. Measuring Mass in the Chemistry Laboratory
12. Project: Measuring Length with Precision*
13. Experiment: Masses
14. Quiz 3: Measurement and Precision
15. Observation and Hypothesizing
16. Learning to Make Useful and Detailed Observations
17. Using Graphs to Analyze Data
18. Project: Tutorial for Making a Scatter Plot Using an Electronic Spreadsheet Program*
19. Quiz 4: Measurement to Graphs
20. Doing Chemistry Your Way: Find Your Future
21. Quiz 5: Chapter Review
22. Special Project*
23. Test
24. Alternate Test*
25. Reference

Chemistry

Unit 2: Starting the Investigation: How to Identify Elements, Compounds, and Mixtures

Assignments

1. The Basic Ingredient: Chemical Elements
2. Quiz 1: Elements, Chemical and Physical Properties
3. Using Chemical and Physical Properties to Identify Substances
4. Experiment: Observations of a Phase Change
5. Experiment: Salt and Sand*
6. Creating Compounds: Investigating Chemical Changes
7. Quiz 2: Elements to Compounds and Chemical Changes
8. Report: Density*
9. Identifying Different Types of Mixtures
10. Experiment: Using the Tyndall Effect to Identify Colloids
11. Quiz 3: Chapter Review
12. Special Project*
13. Test
14. Alternate Test*
15. Reference

Chemistry

Unit 3: Exploring Laws for Gases and Conservation of Mass

Assignments

1. Nothing Stays Put - The Basis for Diffusion and Pressure
2. Gases and Kinetic Molecular Theory
3. Project: Graphing Kinetic Energy*
4. Quiz 1: Diffusion and Kinetic Molecular Theory
5. Pressure-Volume Relationships in Gases (Boyle's Law)
6. Quiz 2: Diffusion to P-V Relationships in Gases
7. Temperature-Volume Relationships in Gases (Charles' Law)
8. Experiment: Finding Absolute Zero Experimentally
9. Experiment: Charle's Law and a Metal Can*
10. Project: Absolute Zero: Real or Theoretical?*
11. Quiz 3: Diffusion to V-T Relationships in Gases
12. Combined Gas Law
13. Quiz 4: Diffusion to Combined Gas Law
14. Counting Gas Particles: The Measure of the Mole
15. How Big is a Mole? Avogadro's Number
16. Demonstrating Conservation of Mass with Balanced Equations
17. Essay: Biography*
18. Project: Examining the Use of Certain Gases as Propellants*
19. Quiz 5: Chapter Review
20. Special Project*
21. Test
22. Alternate Test*
23. Reference

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Chemistry

Unit 4: The Discovery of Atoms: Nature's Building Blocks

Assignments

1. The Golden Years of Chemistry
2. Experiment: Physical Properties of Elements
3. Experiment: Chemical Properties of Some Metals
4. Masters of Classic Atomic Theory
5. Quiz 1: Golden Years to Masters
6. Designing an Organizational Map: The Periodic Table
7. Quiz 2: Golden Years to Periodic Table
8. The Bohr Model Revisited
9. Quiz 3: Golden Years to Bohr Model
10. Charging Up: Ionization of Atoms
11. Quiz 4: Golden Years to Ionization
12. A Closer Look Inside: Nuclear Reactions
13. Report: Fission Reactors
14. Quiz 5: Chapter Review
15. Special Project
16. Test
17. Alternate Test
18. Reference

Chemistry

Unit 5: Molecular Structure

Assignments

1. Chemical Accounting: Stoichiometry
2. Valence Structure
3. Quiz 1: Stoichiometry to Valence
4. Determining Chemical Formulas
5. Electron Availability: Prelude to Bonding
6. Quiz 2: Stoichiometry to Prelude to BondingG
7. Types of Chemical Bonds
8. Charging Up: Ionization of Atoms
9. Quiz 4: Golden Years to Ionization
10. A Closer Look Inside: Nuclear Reactions
11. Report: Fission Reactors
12. Quiz 5: Chapter Review
13. Special Project
14. Test

Chemistry

Unit 6: Semester Review and Test

Assignments

1. Review
2. Exam
3. Alternate Exam—Form A*
4. Alternate Exam—Form B*

Chemistry

Unit 7: Chemical Reactions, Rates and Equilibrium

Assignments

1. Evidence for Chemical Change
2. Experiment: Observing Chemical Changes
3. Experiment: Chemical Reactions*
4. Experiment: Ammonium Nitrate*
5. Enthalpy of Reaction
6. Using Gibbs Free Energy to Predict Spontaneous Reactions
7. Quiz 1: Chemical Change to Enotropy and Gibbs Free Energy
8. Factors that Affect Reaction Rates: Solution Concentration
9. Experiment: Effect of Solution Concentration on Reaction Rate
10. Factors that Affect Reaction Rate: Temperature, Catalysts, Concentration of Reactants
11. Quiz 2: Chemical Change to Reaction Rate
12. Reaction Equilibria and Equilibrium Constants
13. Activity: Exploring Factors that Affect Equilibrium
14. Conditions Affecting Equilibrium
15. Quiz 3: Chapter Review
16. Special Project*
17. Test
18. Alternate Test*
19. Reference

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Chemistry

Unit 8: Equilibrium Systems

Assignments

1. Chemist's Toolbox
2. Solutions
3. Solution Concentration: Molarity
4. Electrical Nature of Solutions
5. Solubility
6. Quiz 1: Toolbox TO Solubility
7. The Dissolving Process
8. Experiment: Solubility Trends
9. The Solubility Constant
10. Quiz 2: Toolbox to Solubility Constant
11. Acid-Base Equilibria
12. Experiment: Acid Strength*
13. pH Scale
14. Titration of Acids and Bases
15. Quiz 3: Toolbox to Titration
16. Redox Equilibria
17. Redox and Oxidation Potentials
18. Activity: Solution Concentration vs. Conductivity
19. pH Calculations
20. Quiz 4: Chapter Review
21. Special Project*
22. Test
23. Alternate Test*
24. Reference

Chemistry

Unit 9: Carbon Chemistry: Hydrocarbons

Assignments

1. Organic Compounds
2. Sources of Organic Compounds
3. Experiment: Volatility*
4. Quiz 1: Organic Compounds and Their Sources
5. A Closer Look at the Carbon Atom
6. Bonding in Organic Compounds
7. Quiz 2: Organic Compounds to Bonding
8. Alkanes: Saturated Hydrocarbons
9. Unsaturated Hydrocarbons
10. Quiz 3: Chapter Review
11. Special Project*
12. Test
13. Alternate Test*
14. Reference

Chemistry

Unit 10: Carbon Chemistry: Functional Groups

Assignments

1. Common Reactions of Saturated Hydrocarbons
2. Reactions of Unsaturated Hydrocarbons
3. Quiz 1: Reactions of Saturated and Unsaturated Hydrocarbons
4. Alcohols
5. Aldehydes, Acids, and Ketones
6. Esters
7. Quiz 2: Reactions of Saturated and Unsaturated Hydrocarbons to Esters
8. Nitrogen Functional Groups
9. Proteins and Amino Acids
10. Experiment: Preparation of a Polymer
11. Quiz 3: Chapter Review
12. Special Project*
13. Test
14. Alternate Test*
15. Reference

Chemistry

Unit 11: Chemistry Review

Assignments

1. Measurement and Analysis
2. Scientific Analysis and Significant Figures
3. Elements, Compounds, and Mixtures
4. Gases and Moles
5. Quiz 1: Measurement to Gases and Moles
6. Atomic Structure and Nuclear Reactions
7. The Periodic Law
8. Molecular Structure
9. Chemical Reactions, Rates, and Equilibrium
10. Reaction Dynamics
11. Quiz 2: Measurement to Reaction Dynamics
12. Solutions
13. Solubility Equilibrium
14. Neutralization
15. Organic Compounds
16. Hydrocarbon Chemistry
17. Quiz 3: Chapter Review
18. Special Project*
19. Test
20. Alternate Test*
21. Reference

Chemistry

Unit 12: Semester Review and Test

Assignments

1. Review
2. Exam
3. Alternate Exam—Form A*
4. Alternate Exam—Form B*

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Chemistry

Unit 13: Final Exam

Assignments

1. Exam
2. Alternate Exam—Form A*
3. Alternate Exam—Form B*

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Physics

Physics is intended to expose students to the design and order in the world that God has created. In preceding years, students should have developed a basic understanding of the macroscopic and microscopic world of forces, motion, waves, light, and electricity. The physics course will expand upon that prior knowledge and further develop both. The curriculum will also seek to teach the symbolic and mathematical world of formulas and symbols used in physics. The major concepts covered are kinematics, forces and motion, work and energy, sound and light waves, electricity and magnetism, and nuclear physics.

Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Physics should be preceded by Algebra I and II courses and geometry.

- **Kinematics:** Students will learn to use scalars and vectors to visualize and calculate concepts of motion.
- **Dynamics:** Students will articulate Newton's and Kepler's laws of motion.
- **Work and Energy:** Students will demonstrate an understanding of how energy is transferred and changed from one form to another.
- **Introduction to Waves:** Students will describe wave characteristics such as amplitude, velocity, wavelength, and frequency.
- **Light:** Students will describe phenomena that characterize light as a wave and phenomena that characterize it as a particle.
- **Static Electricity:** Students will understand that all electric charges produce an electric field around them.
- **Electric Currents:** Students will apply and solve problems using Ohm's Law and Watt's Law for both series and parallel circuits.
- **Magnetism:** Students will describe the relationship between magnetism and electricity.
- **Atomic and Nuclear Physics:** Students will acquire a general understanding of atomic theory, including fusion and fission.

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Physics

Unit 1: Kinematics

Assignments

1. Course Overview
2. Introduction to the Language of Physics
3. Experiment: Making a Soda Straw Balance
4. Experiment: Making a Simple Model of the Solar System
5. Quiz 1: Measurements
6. Scalars and Vectors
7. Quiz 2: Scalars and Vectors
8. Speed and Velocity
9. Project: Tutorial for Making a Scatter Plot Using an Electronic Spreadsheet Program*
10. Quiz 3: Speed and Velocity
11. Acceleration and Acceleration Due to Gravity
12. Experiment: Determining Reaction Time
13. Quiz 4: Acceleration and Acceleration Due to Gravity
14. Vectors
15. Projectiles
16. Quiz 5: Review
17. Special Project*
18. Review Game
19. Test
20. Alternate Test*
21. Reference

Physics

Unit 2: Dynamics

Assignments

1. Newton's First and Second Laws
2. Report: Isaac Newton
3. Quiz 1
4. Project: Virtual Lab - Newton's Laws
5. Gravity
6. Quiz 2
7. Uniform Circular Motion
8. Project: Virtual Lab - Circular Motion
9. Experiment: Circular Motion
10. Quiz 3
11. Newton's Third Law and Conservation of Momentum
12. Project: Virtual Lab - Conservation of Momentum
13. Experiment: Collisions
14. Quiz 4
15. Kepler's Laws of Planetary Motion
16. Report: Solar System
17. Experiment: Kepler's Law
18. Quiz 5
19. Special Project
20. Review Game
21. Test
22. Alternate Test
23. Reference

Physics

Unit 3: Work and Energy

Assignments

1. Work, Kinetic, and Potential Energy
2. Report: Nuclear Energy*
3. Quiz 1
4. Conservation of Energy
5. Power and Efficiency
6. Project: Virtual Lab- Simple Machines
7. Experiment: Simple Machines
8. Quiz 2
9. Project: Virtual Lab- Projectiles
10. Heat Energy
11. Latent Heat
12. Experiment: Latent Heat*
13. Laws of Thermodynamics
14. Quiz 3
15. Special Project*
16. Review Game
17. Test
18. Alternate Test*
19. Reference

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Physics

Unit 4: Introduction to Waves

Assignments

1. Characteristics of Waves
2. Experiment: Wave Speeds
3. Experiment: Pulses*
4. Quiz 1
5. Wave Phenomena
6. Experiment: Waves
7. Experiment: Bending Waves*
8. Quiz 2
9. Sound Waves
10. Project: Virtual Lab- Sound
11. Project: Virtual Lab- Doppler Effect
12. Experiment: Doppler Effect*
13. Quiz 3
14. Special Project*
15. Review Game
16. Test
17. Alternate Test*
18. Reference

Physics

Unit 5: Light

Assignments

1. Speed of Light: Historical Calculations
2. Properties of Light
3. Experiment: Light Angles
4. Experiment: Water Refraction*
5. Quiz 1
6. Mirrors
7. Experiment: Convergence
8. Lenses
9. Quiz 2
10. Light Phenomena and Models of Light
11. Project: Virtual Lab- Light
12. Experiment: Light Observations*
13. Quiz 3
14. Special Project*
15. Review Game
16. Test
17. Alternate Test*
18. Reference

Physics

Unit 6: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam- Form A*
4. Alternate Exam- Form B*

Physics

Unit 7: Static Electricity

Assignments

1. Electric Charges
2. Coulomb's Law
3. Experiment: Static Electricity*
4. The Transfer of Charges
5. Quiz 1
6. Electric Fields
7. Quiz 2
8. Electric Potential
9. Potential and Energy
10. Quiz 3
11. Special Project*
12. Review Game
13. Test
14. Alternate Test*
15. Reference

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Physics

Unit 8: Electric Currents

Assignments

1. Sources of EMF
2. Project: Research and Report*
3. Fluid Flow
4. Quiz 1
5. Resistance
6. Quiz 2
7. Ohm's Law
8. Circuits
9. Project: Virtual Lab- Circuits
10. Quiz 3
11. Special Project*
12. Review Game
13. Test
14. Alternate Test*
15. Reference

Physics

Unit 9: Magnetism

Assignments

1. Fields and Forces
2. Experiment: Magnetic Fields*
3. Forces
4. Quiz 1
5. Electromagnetism
6. Experiment: Induced Magnetic Fields*
7. Electromagnetic Induction
8. Quiz 2
9. Electron Beams
10. Quiz 3
11. Special Project*
12. Review Game
13. Test
14. Alternate Test*
15. Reference

Physics

Unit 10: Atomic and Nuclear Physics

Assignments

1. Quantum Theory
2. X-Rays, Matter Waves, and the Uncertainty Principle
3. Quiz 1
4. Early Atomic Models
5. Report: Early Atomic Physics*
6. Bohr Model
7. Nuclear Theory
8. Quiz 2
9. Nuclear Reactions
10. Fusion and Applications of Nuclear Energy
11. Quiz 3
12. Special Project*
13. Review Game
14. Test
15. Alternate Test*
16. Reference

Physics

Unit 11: Review

Assignments

1. Mechanics
2. Dynamics
3. Energy
4. Quiz 1
5. Wave Motion
6. Light and Sound
7. Quiz 2
8. Electricity and Magnetism
9. Fields and Forces
10. Circuits
11. Quiz 3
12. Modern Physics
13. The Bohr Atom
14. Duality
15. Nuclear Energy
16. Quiz 4
17. Special Project*
18. Review Game
19. Test
20. Alternate Test*
21. Reference

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Physics	Unit 12: Semester Review And Exam	
	Assignments	
	1. Review	3. Alternate Exam: Form A*
	2. Exam	4. Alternate Exam: Form B*

Physics	Unit 13: Final Exam	
	Assignments	
	1. Exam	3. Alternate Exam: Form B*
	2. Alternate Exam: Form A*	

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Electives

American Literature

American Literature is a five-unit elective that engages high school students in a literary conversation with some of the most colorful and influential minds in American history. Their words will give students a greater understanding of themselves, their culture, and the ideas of others. The course teaches students the various movements in American literature, starting with the roots of American literature in writings from the Puritans. The course concludes with works by Dr. Martin Luther King, Jr., and other black writers who were part of the struggle for racial freedom during the civil rights era.

By then of this course students should be able to:

- Recognize the religious beliefs of selected founding fathers, as evidenced in their writings.
- Identify the birth of a distinctively American literature.
- Recognize the impact of slavery on individuals and society.
- Understand and identify the influence of modernism upon religion and the arts.
- Recognize the dominant themes and techniques used in literature at the end of the twentieth century.

American Literature

Unit 1: Early American Literature 1600-1800

Assignments

1. Course Overview
2. Introduction: The Puritans
3. John Smith
4. William Bradford
5. John Winthrop
6. Quiz 1: The Puritans
7. The Colonists: Mary Rowlandson
8. Anne Bradstreet
9. Essay: Comparing Authors' Views
10. Edward Taylor
11. Samuel Sewall
12. Quiz 2: The Colonists
13. Days of Change and Revolution 1700-1800
14. Jonathan Edwards
15. Benjamin Franklin
16. Essay: Authors' Views of Mankind
17. Thomas Paine
18. Thomas Jefferson
19. Michel-Guillaume Jean de Crevecoeur
20. Essay: Biblical Imagery and References*
21. Quiz 3: Days of Change and Revolution
22. Special Project*
23. Test: Early American Literature
24. Alternate Test: Early American Literature*
25. Reference

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American Literature

Unit 2: The Romantic Period 1800-1855

Assignments

1. A New Nation 1800-1840: Introduction
2. Washington Irving
3. James Fenimore Cooper
4. William Cullen Bryant
5. Quiz 1: A New Nation
6. American Naissance 1840-1855: Introduction
7. The Fireside Poets: Henry Wadsworth Longfellow
8. The Fireside Poets: John Greenleaf Whittier
9. The Fireside Poets: Oliver Wendell Holmes
10. The Transcendentalists: Ralph Waldo Emerson
11. The Transcendentalists: Henry David Thoreau
12. The Transcendentalists: Walt Whitman
13. Quiz 2: The Fireside Poets and Transcendentalists
14. The Voices of Despair: Edgar Allen Poe
15. The Voices of Despair: Nathaniel Hawthorne
16. The Voices of Despair: Herman Melville
17. The Voices of Despair: Emily Dickinson
18. Project: Responding to Literature
19. Quiz 3: The Voices of Despair
20. Special Project*
21. Test: The Romantic Period
22. Alternate Test: The Romantic Period*
23. Reference

American Literature

Unit 3: War and Reconciliation 1855-1915

Assignments

1. Secession and Loyalty 1855-1865: Introduction
2. Frederick Douglass
3. Harriet Beecher Stowe
4. Spirituals
5. Robert E. Lee
6. Abraham Lincoln
7. Quiz 1: Secession and Loyalty 1855 - 1865
8. Realism and Naturalism 1865-1915: Introduction
9. Samuel Langhorne Clemens (Mark Twain)
10. William Dean Howells
11. Henry James
12. Quiz 2: Realism and Naturalism 1865 - 1915
13. Naturalists, Regionalists and Realists: Stephen
14. Crane
15. Kate Chopin
16. Paul Laurence Dunbar
17. Jack London
18. Essay: Analysis and Response
19. Quiz 3: Naturalists, Regionalists, and Realists
20. Special Project*
21. Test: War and Reconciliation
22. Alternate Test: War and Reconciliation*
23. Reference

American Literature

Unit 4: The Modern Age 1915-1946

Assignments

1. The Modern Age
2. Modern Prose: Ernest Hemingway
3. F. Scott Fitzgerald
4. Quiz 1: Modern Prose
5. Modern Poetry: Ezra Pound
6. Carl Sandburg
7. E. E. Cummings
8. Wallace Stevens
9. Robert Frost
10. W. H. Auden
11. Project: Poetry Models
12. Quiz 2: Modern Poetry
13. Other Modern Age Literature: Harlem Renaissance, Langston Hughes
14. Drama: Thornton Wilder
15. Religious Works: J. Gresham Machen
16. Quiz 3: Other Literature
17. Special Project*
18. Test: The Modern Age
19. Alternate Test: The Modern Age*
20. Reference

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American Literature

Unit 5: From Modern to Postmodern 1946-Present	
Assignments	
1. The Birth of Postmodernism: Introduction	11. Social Issues: Martin Luther King, Jr.
2. Flannery O'Connor (1)	12. Essay: Dr. King's Literary Allusions
3. Flannery O'Connor (2)	13. Ralph Ellison
4. Flannery O'Connor (3)	14. Gwendolyn Brooks
5. Theodore Roethke	15. Project: Responding to Postmodernism
6. Quiz 1: The Birth of Postmodernism	16. Quiz 3: Social Issues
7. More Contemporary Writers: Eudora Welty	17. Special Project*
8. John Updike	18. Test: From Modern to Postmodern
9. Robert Trail Spence Lowell, Jr.	19. Alternate Test: From Modern to Postmodern*
10. Quiz 2: More Contemporary Writers	20. Reference

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British Literature

Beginning with works from the Middle Ages, British Literature is a five-unit course that teaches high school students about some of the greatest books of Western Civilization. Students will learn how to appreciate the English literature of the Middle Ages for its wisdom and beauty and will also gain a better understanding of the development of the English language and its literature. Course units cover one to two centuries, concluding with the writings of apologist C.S. Lewis in the 20th century.

Through this course, students will do the following:

- Gain a better understanding of the beginning and development of the English language and its literature.
- Recognize the Bible's central importance to the English Reformation.
- Appreciate the wisdom and eloquence of the authors of each period.
- Evaluate literature by comparing it to Scripture.
- Discern the causes and the consequences of "the absence of God" from modern society.
- Appreciate the influence of Christian writers in the twentieth century.

British Literature

Unit 1: The Middle Ages

Assignments

1. Course Overview
2. Introduction
3. Old English Literature: Bede
4. Beowulf
5. Project: Metonymy
6. Quiz 1: Introduction and Old English Literature
7. Middle English Literature: Chaucer
8. The Pardoner's Tale
9. Piers Plowman
10. Project: Illuminated Manuscripts
11. Quiz 2: Middle English Literature
12. Morality Plays: Everyman
13. Sir Thomas Malory: Le Morte d' Arthur
14. Le Morte d' Arthur II
15. Le Morte d' Arthur III
16. Essay: Comparing Literature to Scripture
17. Quiz 3: Morality Plays and Malory's Le Morte d' Arthur
18. Special Project*
19. Test: The Middle Ages
20. Alternate Test: The Middle Ages*
21. Reference

British Literature

Unit 2: The Sixteenth Century

Assignments

1. The Renaissance and Reformation
2. The Early Renaissance: Sir Thomas More
3. Roger Ascham
4. John Foxe
5. Quiz 1: The Renaissance and Reformation
6. Renaissance Poets: Sir Thomas Wyatt the Elder
7. Sir Philip Sidney
8. Edmund Spenser
9. Mary (Sidney) Herbert, Countess of Pembroke
10. Essay: Comparing Literature to Scripture
11. Quiz 2: Renaissance Poets
12. Renaissance Prose and Drama: Sir Walter Raleigh
13. William Shakespeare
14. The Taming of the Shrew 1
15. The Taming of the Shrew 2
16. The Taming of the Shrew 3
17. The Taming of the Shrew 4
18. The Taming of the Shrew 5
19. Project: Exploring Shakespeare
20. The English Bible
21. Quiz 3: Renaissance Prose and Drama
22. Special Project*
23. Test: The Sixteenth Century
24. Alternate Test: The Sixteenth Century*
25. Reference

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British Literature

Unit 3: The Seventeenth and Eighteenth Centuries

Assignments

1. The Stuarts and the Puritan Revolution 1603-1660
2. John Donne
3. Ben Jonson
4. George Herbert
5. Quiz 1: The Stuarts and the Puritan Revolution
6. More Seventeenth Century Writers: John Milton
7. John Owen
8. Essay: Comparing Literature to Scripture
9. Francis Bacon
10. Quiz 2: More Seventeenth Century Writers
11. The Restoration and Neoclassic Period 1660-1785
12. John Dryden
13. John Bunyan
14. Jonathan Swift
15. Alexander Pope
16. Isaac Watts
17. Project: Responding to Literature
18. Quiz 3: The Restoration and Neoclassic Period
19. Special Project*
20. Test: The Seventeenth and Eighteenth Centuries
21. Alternate Test: The Seventeenth and Eighteenth Centuries*
22. Reference

British Literature

Unit 4: The Nineteenth Century (1798-1900)

Assignments

1. The Romantic Era: Introduction
2. William Blake
3. William Wordsworth
4. Samuel Taylor Coleridge
5. Sir Walter Scott
6. Quiz 1: The Romantic Era
7. The Late Romantic Era: Jane Austen
8. Charles Lamb
9. George Gordon, Lord Byron
10. Percy Bysshe Shelley
11. John Keats
12. Quiz 2: The Late Romantic Era
13. The Victorian Era: Introduction
14. Thomas Carlyle
15. John Henry Cardinal Newman
16. Alfred, Lord Tennyson
17. Charles Dickens
18. Robert Browning
19. George Eliot
20. Oscar Wilde
21. Lewis Carroll
22. Project: Responding to Literature
23. Quiz 3: The Victorian Era
24. Special Project*
25. Test: The Nineteenth Century
26. Alternate Test: The Nineteenth Century*
27. Reference

British Literature

Unit 5: The Twentieth Century

Assignments

1. Introduction
2. Thomas Hardy
3. Joseph Conrad
4. G. K. Chesterton
5. Quiz 1: Introduction
6. Modern Poetry, Drama, and Prose: William Butler Yeats
7. T. S. Eliot
8. George Bernard Shaw
9. Winston Churchill
10. Quiz 2: Modern Poetry, Drama, and Prose
11. Modern Fiction: Virginia Woolf
12. James Joyce
13. Aldous Leonard Huxley
14. C. S. Lewis
15. Project: Responding to Literature
16. Quiz 3: Modern Fiction
17. Special Project*
18. Test: The Twentieth Century
19. Alternate Test: The Twentieth Century*
20. Reference

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Business Computer Information Systems

BCIS is a high school elective that explores the use of technology applications in both business and personal situations. The course provides key knowledge and skills in the following areas:

- communication skills
- business technology
- word processing applications
- spreadsheet applications
- database applications
- telecommunications technology
- desktop publishing technology
- presentation technology
- computer networks
- computer operating systems

The course is intended to help students arrive at the following understandings:

- Effective communications skills and productive work habits can increase employees' success.
- Technology solutions can help employees be more productive and effective.

Keyboarding is a stated prerequisite for this course. While there are some keyboarding reviews in the course, there is no keyboarding instruction.

BCIS	Unit 1: Communication Skills	
	Assignments	
	1. Course Overview	11. Finding Reliable Internet Resources
	2. Communication Skills	12. Paraphrasing and Summarizing
	3. Electronic Communication Skills	13. Organizing Information
	4. Project: Revising E-mail	14. Quiz 3: Using Written Information
	5. Quiz 1: Overview of Effective Communication Skills	15. Report: Business Skills
	6. Workplace Skills, Habits, and Attitudes	16. Special Project*
	7. Active Listening	17. Review
	8. Constructive Feedback	18. Test
	9. Project: Employee Action Plan	19. Alternate Test*
	10. Quiz 2: Desirable Workplace Skills, Habits, and Attitudes	20. Glossary and Credits

BCIS	Unit 2: Business Technology	
	Assignments	
	1. Hardware versus Software	8. Report: Technology in Business
	2. Current Business Technology	9. Special Project*
	3. Quiz 1: Overview of Business Technology	10. Review
	4. Business Solutions Case Studies	11. Test
	5. Emerging Technology	12. Alternate Test*
	6. Project: Defining Technical Terms	13. Glossary and Credits
	7. Quiz 2: Business Solutions	

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BCIS

Unit 3: Word Processing

Assignments

1. Keyboarding Pretest
2. Keyboarding Exercises
3. Number Keypad
4. Project: Timed Typing Tests*
5. Quiz 1: Keyboarding Skills
6. Writing and Editing a Business Document
7. Project: Creating a Memo
8. Business Letters
9. Project: Creating a Business Letter
10. Resumes
11. Project: Creating a Resume
12. Brochures and Newsletters
13. Project: Creating a Newsletter
14. Research Papers
15. Project: Formatting a Research Paper
16. Business Reports
17. Project: Creating a Business Report
18. Quiz 2: Creating Business Documents
19. Special Project*
20. Review
21. Test
22. Alternate Test*
23. Glossary and Credits

BCIS

Unit 4: Spreadsheets

Assignments

1. Entering Data
2. Formatting
3. Editing Data
4. Shortcuts
5. Quiz 1: Spreadsheet Basics
6. Formulas
7. Project: Using Simple Formulas
8. Advanced Formulas
9. Project: Using Advanced Formulas
10. Quiz 2: Spreadsheet Formulas
11. Project: Creating a Personal Budget
12. Project: Estimating Income Taxes
13. Creating Graphs
14. Project: Business Spreadsheets
15. Project: Balance Sheets and Profit-and-Loss Statements
16. Quiz 3: Spreadsheet Applications
17. Special Project*
18. Review
19. Test
20. Alternate Test*
21. Glossary and Credits

BCIS

Unit 5: Databases

Assignments

1. Comparing Databases and Spreadsheets
2. Understanding Database Terms
3. Project: Creating a Database
4. Working with Data and Records
5. Quiz 1: Database Basics
6. Using Databases to Search and Query
7. Project: Working with Queries
8. Project: Using a Database to Generate Mailings*
9. Importing and Exporting Data
10. Project: Using a Database to Create a Business Report*
11. Quiz 2: Database Features
12. Special Project*
13. Review
14. Test
15. Alternate Test*
16. Glossary and Credits

BCIS

Unit 6: Semester Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam*

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BCIS

Unit 7: Telecommunications Technology

Assignments

1. The Parts and the Pieces
2. Case Studies
3. Quiz 1: The Telecommunications Industry - An Overview
4. E-Mail
5. Beyond E-Mail
6. Evaluating Telecommunication Technologies
7. Project: Analyze It
8. Quiz 2: Using and Choosing Telecommunication Technology
9. E-Mail Ethics and Work Habits
10. Netiquette
11. Quiz 3: Doing It Right
12. Special Project*
13. Review
14. Test
15. Alternate Test*
16. Glossary and Credits

BCIS

Unit 8: Desktop Publishing Technology

Assignments

1. What Is Desktop Publishing?
2. Case Study: The Uses of DTP
3. Quiz 1: Desktop Publishing - An Introduction
4. Planning
5. Design Considerations
6. More Design Considerations
7. Quiz 2: Desktop Publishing Procedures
8. Importing Text
9. Importing Graphics
10. Project: Creating an Instructional Manual
11. Quiz 3: Using Desktop Publishing
12. Special Project*
13. Review
14. Test
15. Alternate Test*
16. Glossary and Credits

BCIS

Unit 9: Presentation Technology

Assignments

1. What is Presentation Technology?
2. How Is Presentation Technology Used?
3. Quiz 1: An Introduction to Presentation Technology
4. Working with Text
5. Working with Graphics
6. Working with Special Effects
7. Quiz 2: Presentation Guidelines
8. Content
9. Layout
10. Putting It All Together
11. Quiz 3: Presentation Planning
12. Project: Creating a Presentation
13. Special Project*
14. Review
15. Test
16. Alternate Test*
17. Glossary and Credits

BCIS

Unit 10: Computer Networks

Assignments

1. Why Use a Network?
2. How Do Networks Work?
3. Quiz 1: An Introduction to Networking
4. Network Architecture
5. Network Areas
6. Network Models
7. Hardware and Software
8. Quiz 2: Networking Basics
9. Needs Assessment
10. Designing Your Network
11. Quiz 3: Choosing a Network
12. Project: Networking Interview
13. Special Project*
14. Review
15. Test
16. Alternate Test*
17. Glossary and Credits

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BCIS	Unit 11: Computer Operating Systems	
	Assignments	
	1. What is an Operating System?	10. Programs and Files
	2. Utilities	11. Quiz 3: Using the Operating System
	3. Quiz 1: An Introduction to Operating Systems	12. Project: Customize Your Desktop
	4. Mac	13. Special Project*
	5. Windows	14. Review
	6. Linux	15. Test
	7. Quiz 2: Types of Operating Systems	16. Alternate Test*
	8. Getting Started - Exploring the Desktop	17. Glossary and Credits
	9. Using the Interface	

BCIS	Unit 12: Semester Review and Exam	
	Assignments	
	1. Review	3. Alternate Exam*
	2. Exam	

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Civics

In this five-section elective, high-school students will learn about the rights and responsibilities of being an American citizen. By studying different forms of government, students will investigate what motivated America's founding fathers as they drafted the U.S. Constitution. Students will also learn about the branches of the U.S. government as laid out in the Constitution and about the structure of state and local governments. In each unit, students will complete an in-depth project related to that unit's topic.

Through this course, students will do the following:

- Understand the definition of government and explain its role in the life of the citizen.
- Explore why politics takes place any time a group of individuals is gathered together.
- Understand the differences and relationships between civic life, political life, and private life.
- Analyze the influence of the federal government on the American economy.
- Analyze the elements of America's market economy in a global setting.

Civics	Unit 1: A New Nation	
	Assignments	
	1. Course Overview	16. Civil Society and Government
	2. The Distinctions Among Civic, Political, and Private Life	17. Relationship of Limited Government to Political and Economic Freedom
	3. The Necessity of Politics and Government	18. Liberalism, Republicanism, and American Constitutional Republic
	4. The Purpose of Politics and Government	19. Project: Conflict of Interest
	5. Quiz 1	20. Quiz 3
	6. Why Independence	21. Unitary, Confederal, or Federal?
	7 Natural Rights	22. Nature of Representation
	8. Given Rights	23. Fundamental Values and Principles
	9. The Role of Religion	24. The Great Compromise
	10. The Protestant Reformation	25. Quiz 4
	11. Babylonian Monarchy, Greek Democracy, Roman Republic	26. Special Project*
	12. Quiz 2	27. Test
	13. Forms of Government	28. Alternate Test*
	14. Religious and Political Freedom	29. Reference
	15. Limits in Government	

Civics	Unit 2: The Constitution	
	Assignments	
	1. Federalists and Anti-Federalists	10. Separation of Powers/Checks and Balances
	2. Project: Compare Bill of Rights	11. Quiz 2
	3. As Good as it Gets	12. The Ability to Change
	4. The Peaceful Transfer of Power	13. The Bill of Rights: Protection
	5. Quiz 1	14. The Bill of Rights: Interpretation
	6. Introduction to Constitutional Government	15. Quiz 3
	7. Constitutional Law in the United States Federal Government	16. Special Project*
		17. Test
	8. The Preamble	18. Alternate Test*
	9. Project: A Limited Government	19. Reference

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Civics

Unit 3: Branches of Government

Assignments

1. Presidential Power
2. Electing a President
3. Case Study: The Election of 1824
4. The Federal Bureaucracy
5. Project: Limits on Presidential Power
6. Quiz 1
7. A Two-House System
8. Committees in Action
9. Project: Your Home Legislators*
10. How a Bill Becomes a Law
11. Impeachment
12. Quiz 2
13. Organization of the Judicial Branch
14. The Role of the Supreme Court
15. Judicial Activism vs. Judicial Restraint
16. Making a More Perfect Union
17. Quiz 3
18. Special Project*
19. Test
20. Alternate Test*
21. Reference

Civics

Unit 4: Government by the People

Assignments

1. State Branches
2. Local Government: Types and Functions
3. Financing Government through Taxation
4. Case Study: Integration of Schools
5. Direct Democracy
6. Quiz 1
7. Why Political Parties?
8. Parties and Primaries
9. Politics and Media
10. Districts, Special Interests, and Funding
11. Public Policy and Public Agenda
12. Project: Your Politics*
13. Quiz 2
14. Your Rights
15. Project: Limits of Freedom
16. Citizens in Action
17. Case Study: Prohibition
18. Civic Responsibility
19. Becoming a Citizen
20. Quiz 3
21. Diversity and the Character of American Society
22. Project: Constitutional Values and Principles
23. Voluntarism and Organized Groups
24. American Political Conflict
25. Conflicts of Values
26. Disparities between Ideals and Reality
27. Quiz 4
28. Special Project*
29. Test
30. Alternate Test*
31. Reference

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Civics

Unit 5: Relationship to the World

Assignments

1. Government and Economics
2. Project: Economics of a New Business
3. International Economics
4. Case Study: The Middle East
5. Project: Environmental Politics
6. Quiz 1
7. Types of Economic Systems
8. Communism
9. Fascism
10. Project: The Jewish Holocaust
11. American Capitalism
12. Personal, Political, and Economic Rights
13. Geography, Politics, and Economics of Governments
14. Project: New Governments
15. Quiz 2
16. Economic and Humanitarian Concerns
17. Political Concerns
18. Historical Context of Foreign Policy
19. Making and Implementing Foreign Policy
20. Means and Ends of Foreign Policy
21. Impact of Democracy and Individual Rights on the World
22. International Organizations
23. Quiz 3
24. Special Project*
25. Test
26. Alternate Test*
27. Reference

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Civil War

You are about to embark on the fascinating history of the Civil War. It is a story of human choices that linked the past to the present and influenced the future. It is a drama of how one nation changed through times of conflict and cooperation. It is a tale of two children (the North and South) living under the same roof (The United States) and how they disagreed over the issues of states' rights and slavery.

Students will also gain practice in research, using technology, and writing through various projects. In addition to the default course program, Civil War Elective includes alternate projects, essays, and tests for use in enhancing instruction or addressing individual needs.

- **Unit 1:** Students will compare and contrast the characteristics of the North and South, the development of slavery in the South, and the events that started the Civil War.
- **Unit 2:** Students will examine the war strategies, battles, and majors events of the Civil War.
- **Unit 3:** Students will explore many aspects of the war including: the presidencies of Lincoln and Davis, the generals, turning points, role of women and African Americans, and the effects of the war on the U.S.
- **Unit 4:** Students will gain knowledge about the later years of the war including: Grant's war of attrition, Sherman's advances in the South, the life of a soldier, prisoners of war, and the last few months of Lincoln's life.
- **Unit: 5:** Students will describe the events that led to the end of the Civil War, examine the plans for Reconstruction, and identify three amendments that passed during this time.

Civil War	Unit 1: The Pre-War Years			
	Assignments			
	1.	Course Overview	11.	Abolition and John Brown
	2.	Development of Two Cultures - Part 1	12.	Causes of Secession
	3.	Development of Two Cultures - Part 2	13.	Storm over Sumter
	4.	Life of a Slave	14.	Project: Comparing Wars
	5.	Project: The Art of Compromise	15.	Quiz 3: Point of No Return
	6.	Quiz 1: Two Cultures in Conflict	16.	Special Project*
	7.	Political Compromises	17.	Review
	8.	Kansas-Nebraska Act	18.	Test
	9.	The Kansas Issue	19.	Alternate Test*
	10.	Quiz 2: Compromise	20.	Glossary and Credits

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Civil War

Unit 2: The Early Years

Assignments

1. Why Fight?
2. The Anaconda Plan
3. First Battle of Bull Run
4. Project: Anti-War Editorial
5. Quiz 1: The War Begins
6. Battle of Shiloh
7. The Summer of '62
8. The War in the West
9. Quiz 2: The South Takes Control
10. The Lost Orders
11. Fredericksburg
12. Emancipation Proclamation
13. Chancellorsville
14. Quiz 3: Freedom in Turmoil
15. Project: Emancipation Proclamation Discussion
16. Special Project*
17. Review
18. Test
19. Alternate Test*
20. Glossary and Credits

Civil War

Unit 3: Turning Point

Assignments

1. Leadership of Two Presidents
2. Gettysburg
3. Pickett's Charge
4. The Gettysburg Address
5. Project: Two Presidents
6. Quiz 1: The Turning Point
7. Turmoil on the Home Front
8. Women Make a Difference
9. Effects of War
10. African Americans in the Military
11. Project: Effects of War
12. Quiz 2: A Nation Suffers
13. Grierson's Raid
14. Siege of Vicksburg
15. Lee and Grant
16. Quiz 3: Control of the West
17. Special Project*
18. Review
19. Test
20. Alternate Test*
21. Glossary and Credits

Civil War

Unit 4: War in the South

Assignments

1. Leadership of Two Presidents
2. Gettysburg
3. Pickett's Charge
4. The Gettysburg Address
5. Project: Two Presidents
6. Quiz 1: The Turning Point
7. Turmoil on the Home Front
8. Women Make a Difference
9. Effects of War
10. African Americans in the Military
11. Project: Effects of War
12. Quiz 2: A Nation Suffers
13. Grierson's Raid
14. Siege of Vicksburg
15. Lee and Grant
16. Quiz 3: Control of the West
17. Special Project*
18. Review
19. Test
20. Alternate Test*
21. Glossary and Credits

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Civil War	Unit 5: Reconstruction of a Nation	
	Assignments	
	1. Petersburg	10. Three New Amendments
	2. Richmond Falls	11. Life After Reconstruction
	3. Lee Surrenders	12. Project: Effects of Amendments
	4. Quiz 1: The War Ends	13. Quiz 3: American Paradigm Shift
	5. Triumph and Tragedy	14. Special Project*
	6. Reconstruction of a Nation	15. Review
	7. Reconstruction Begins	16. Test
	8. Project: History of Impeachment	17. Alternate Test*
	9. Quiz 2: Triumph and Tragedy	18. Glossary and Credits

Civil War	Unit 6: Course Review and Exam	
	Assignments	
	1. Review (1)	3. Exam
	2. Review (2)	4. Alternate Exam*

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College Planner

College Planner is a one-semester high-school elective, with the following goals:

- guiding students in the entire college process
- planning for college
- selecting the right school
- the application process
- financial aid
- guiding students who may not be headed to college

The program focuses on the decision-making process of choosing a school, covering both the application process and financial requirements. Additionally, for those students who will not be attending college or university, the course surveys non-college options.

Upon completion of the course, students should be able to do the following:

- Articulate reasons for attending college and for choosing a specific institution over another.
- Identify the planning steps to be taken by students during each year of high school.
- Understand the basic differences between the SAT and ACT entrance exams, knowing how best to prepare for each one.
- Understand the major costs of attending college and what financial aid options are available.
- Identify post-high school options for individuals who will not be attending college.

Additionally, students will gain practice in report-writing, covering topics like God's plan, admissions essays, college costs, and more.

College Planner	Unit 1: My Educational Future	
	Assignments	
	1. Course Overview	7. Why Choose a Particular School?
	2. Who Are You and What Do You Want?	8. What Are Colleges Really Looking For?
	3. Report: God's Plan for You	9. Quiz 2: Making Educational Decisions
	4. Common Reasons to Go to College	10. Special Project*
	5. What's God's Will for My Educational Future?	11. Test
	6. Quiz 1: Education Goals	12. Reference

College Planner	Unit 2: Choosing a College	
	Assignments	
	1. What Type of School is Right for Me?	7. Project: Choose Your School
	2. Freshmen/Sophomores: Planning Calendars	8. Quiz 2: Narrowing Down the Choices
	3. Juniors/Seniors: Planning Calendars	9. Special Project*
	4. Quiz 1: Picking the Right School	10. Test
	5. Your Ideal School: Creating Your Long List	11. Reference
	6. Your Ideal School: Creating Your Short List	

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College Planner

Unit 3: Entrance Exams and Applications

Assignments

1. College Entrance Exams: The PSAT
2. College Entrance Exams: The SAT Reasoning and SAT Subject Tests
3. College Entrance Exams: The ACT
4. Quiz 1: Entrance Exams
5. Applications and Recommendations
6. Admissions Essays
7. Essay: Admissions Essay
8. Athletics and Fine Arts
9. Quiz 2: The Application Process
10. Special Project*
11. Test
12. Reference

College Planner

Unit 4: Paying for College

Assignments

1. What Does College Cost?
2. Project: The Costs of College
3. How Much Will You Be Expected to Pay?
4. Types of Financial Aid: Grants and Loans
5. Quiz 1: College Costs
6. Types of Financial Aid: Scholarships and More
7. A Message to Parents (and Students)
8. Quiz 2: Financial Aid
9. Special Project*
10. Test
11. Reference

College Planner

Unit 5: Non-College Options

Assignments

1. Interviewing: Some Questions
2. Project: Your List of Questions*
3. Mentoring
4. Quiz 1: Getting Help with Questions
5. Other Options: Apprenticeship and Internship
6. Other Options: Military
7. Review
8. Quiz 2: Other Options
9. Special Project*
10. Test
11. Reference

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Consumer Math

Consumer Math is an introduction to the many ways in which math can be used in everyday life. The course gives practical advice on how to handle situations that involve money and math principles. Consumer Math focuses on the basic skills and methods of arithmetic and provides students the opportunity to develop experience with algebraic techniques of evaluating variables and equations, including geometric formulas and interest equations. Students will also be introduced to topics in statistics.

Upon completion of the course, students should be able to do the following:

- Use basic math operations on fractions, decimals, and percents.
- Interpret graphs and charts.
- Understand sets and basic set theory.
- Calculate simple probabilities.
- Calculate statistical measures of variation.
- Use similarity and right triangle ratios for indirect measurement.
- Calculate taxes, discounts, and interest amounts.
- Apply math to everyday concerns, as well as to the realms of business and government.

Consumer Math

Unit 1: Basic Math Review

Assignments

1. Course Overview
2. Introduction
3. Number Skills
4. Signed Numbers and Measurement Scales
5. A Consumer Application
6. Division Review
7. Quiz 1: Basic Operations
8. Prime Numbers and Factors
9. Factors and Products
10. Fractions, LCM, and GCF
11. Fractions
12. Quiz 2: Fractions
13. Adding and Subtracting Fractions
14. Multiplying and Dividing Fractions
15. Operations with Mixed Numbers
16. Consumer Applications
17. Quiz 3: Operations With Fractions
18. A Ratio Scale, Decimals, and Number Bases
19. Operations and Decimals
20. Consumer Application, Metrics
21. Quiz 4: Decimals
22. Percent
23. Base, Rate, Percentage
24. Problem Solving
25. Quiz 5: Percent
26. Mental Problem Solving
27. Final Review
28. Special Project*
29. Test: Basic Math Review
30. Alternate Test: Basic Math Review*
31. Reference

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Consumer Math

Unit 2: Personal Finance

Assignments

1. Money
2. Finding a Job
3. Job Skills: Using Standard Units
4. Job Skills: Using Metric Units
5. Converting Systems
6. Quiz 1: Job Skills
7. Part- and Full-Time Jobs
8. Wages
9. Payroll
10. Payroll Deductions
11. Other Deductions
12. Quiz 2: Wages
13. Self-Employment: Piecework
14. Commission and Tips
15. Retirement Planning
16. Quiz 3: Other Income
17. Story Problems with Review
18. Special Project*
19. Test: Personal Finance
20. Alternate Test: Personal Finance*
21. Reference

Consumer Math

Unit 3: Statistics

Assignments

1. Home Budget
2. Organizing Data
3. Sets and Probability (I)
4. Sets and Probability (II)
5. Representing Data
6. Quiz 1: Data
7. Preparing a Cash Budget
8. Using Records in Planning
9. A Home Business Application
10. Quiz 2: Records
11. Planning with Measures of Variations
12. Project: Using Statistics*
13. Using the Standard Normal Distribution
14. Z-Scores and the Normal Distribution
15. Quiz 3: Measures of Variation
16. Sampling and Estimation
17. A Balance Sheet
18. Quiz 4: Balance Sheet
19. Confidence Intervals
20. Unit Review
21. Special Project*
22. Test: Statistics
23. Alternate Test: Statistics*
24. Reference

Consumer Math

Unit 4: Taxes and Insurance

Assignments

1. Life Insurance
2. Premiums
3. Loans and Cash Value
4. Health Insurance
5. Project: Insurance*
6. Other Insurance
7. Quiz 1: Insurance
8. Taxes: Federal 1040
9. Taxes: FICA
10. Taxes: State
11. Quiz 2: Withholding
12. Taxes: Local
13. Taxes: Other
14. Quiz 3: Taxes
15. Review
16. Special Project*
17. Test: Taxes and Insurance
18. Alternate Test: Taxes and Insurance*
19. Reference

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Consumer Math

Unit 5: Banking Services and Investments

Assignments

1. Selecting a Bank
2. Checking Accounts
3. Savings Accounts
4. Quiz 1: Accounts
5. Reconciling Statements
6. ATM'S
7. Simple and Compound Interest
8. Other Services
9. Quiz 2: Services
10. Financial Planning
11. Stocks
12. Bonds
13. Mutual Funds
14. Quiz 3: Investments
15. Wills and Estates
16. Project: Wills*
17. Distributing an Estate
18. Quiz 4: Estate Planning
19. Review
20. Special Project*
21. Test: Banking Services and Investments
22. Alternate Test: Banking Services and Investments*
23. Reference

Consumer Math

Unit 6: Banking and Credit Costs

Assignments

1. Overdraft Protection
2. Financing Large Purchases
3. Interest First Loans
4. Installment Loans
5. Quiz 1: Loans
6. The Annual Percentage Rate
7. Automobile Loans
8. Mortgages
9. Quiz 2: Mortgages
10. Sequences, The Rule of 78
11. Credit
12. Credit Card Purchases
13. Quiz 3: Credit
14. Review
15. Special Project*
16. Test: Banking and Credit Costs
17. Alternate Test: Banking and Credit Costs*
18. Reference

Consumer Math

Unit 7: Purchase and Sale of Goods

Assignments

1. Purchasing and Variables
2. Discounts
3. More Discounts
4. Markup
5. Quiz 1: Discounts and Markup
6. Graphs and Trends
7. Cost Per Unit
8. Project: Buying Equipment*
9. Tables As Variables
10. Quiz 2: Graphs and Tables
11. Graphs, Functions, Slope
12. Project: Data Summaries*
13. A Comparison Technique
14. Quiz 3: Graphing and Comparing
15. Tabular Data Interpretation
16. Depreciation Trends
17. Buy, Lease, Rent (I)
18. Buy, Lease, Rent (II)
19. Advertisements
20. Quiz 4: Interpreting Data
21. Review
22. Special Project*
23. Test: Purchase and Sale of Goods
24. Alternate Test: Purchase and Sale of Goods*
25. Reference

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Consumer Math

Unit 8: Leisure, Travel, and Retirement

Assignments

1. Leisure
2. Free Activities
3. Hobbies
4. Angles
5. Outdoor Activities
6. Transportation and Travel
7. Quiz 1: Leisure and Travel
8. Physical Fitness
9. Vacations
10. Quiz 2: Fitness and Vacations
11. Retirement Planning
12. Comparing Travel Cost Benefits
13. Project: Constructions*
14. Quiz 3: Retirement and Comparing
15. Review
16. Special Project*
17. Test: Leisure, Travel, and Retirement
18. Alternate Test: Leisure, Travel, and Retirement*
19. Reference

Consumer Math

Unit 9: Job Related Services

Assignments

1. Ratio and Proportion
2. Food Services
3. Personal Appearance Services
4. Pricing of Services
5. Perimeter and Area
6. Quiz 1: Ratio, Proportion, and Formulas
7. Facility Capacity Estimation
8. Applications
9. Circles
10. Area Applications
11. Quiz 2: Area
12. Solid Figures with Plane Boundaries
13. Solid Figures with Curved Boundaries
14. Mixture Problems
15. Architects and Interior Design
16. Quiz 3: Area and Volume
17. Geometry and Indirect Measure
18. Consumer Applications
19. Quiz 4: Application Problems
20. Review
21. Special Project*
22. Test: Job Related Services
23. Alternate Test: Job Related Services*
24. Reference

Consumer Math

Unit 10: Consumer Math Review

Assignments

1. Review: Basic Math (I)
2. Review: Basic Math (II)
3. Review: Measurement
4. Review: Personal Finance (I)
5. Review: Personal Finance (II)
6. Quiz 1: Basic Math, Measurement, Finances
7. Review: Budgeting (I)
8. Review: Budgeting (II)
9. Review: Insurance
10. Review: Taxes
11. Quiz 2: Budgeting, Insurance, Taxes
12. Review: Banking and Investment (I)
13. Review: Banking and Investment (II)
14. Review: Banking and Credit Costs (I)
15. Review: Banking and Credit Costs (II)
16. Quiz 3: Banking, Credit
17. Review: Purchase and Sale of Goods (I)
18. Review: Purchase and Sale of Goods (II)
19. Review: Travel
20. Quiz 4: Purchases, Sales, Travel
21. Review: Leisure and Retirement
22. Review: Geometry
23. Review: Job Related Services
24. Quiz 5: Leisure, Geometry, Services
25. Extra Practice
26. Final Review
27. Special Project*
28. Test: Consumer Math Review
29. Alternate Test: Consumer Math Review*
30. Reference

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Digital Arts

Digital Arts is a semester-long elective designed to provide computer science students with an introduction to visualization-graphics programming on computers. To equip students for today's digitally driven lifestyle, this course focuses on using a digital camera and the practical application of digital imaging and editing programs. Additionally, students will work with audio-editing programs, and will also examine 3D technology and cinematography.

Throughout the course, students may be asked to answer questions or to reflect on what they've read in their notes. The notes are not graded. Rather, they are a way for students to extend their thinking about the lesson content. Students may keep handwritten or typed notes.

Digital Arts

Unit 1: Digital Arts

Assignments

1. Course Overview
2. Introduction to Digital Arts
3. Project: Introduction to Digital Arts
4. Why Do We Study Digital Art?
5. Digital Art as Mass Communication
6. Project: Digital Art as Mass Communication
7. Citizen Media
8. Project: Citizen Media
9. What is Digital Photography?
10. Project: What is Digital Photography?
11. How the Digital Camera Works
12. Project: How the Digital Camera Works
13. Shooting Technique
14. Project: Shooting Technique
15. Types of Photography
16. Digital Image Editing
17. Digital Image Editing Software
18. Photoshop Express
19. Project: Photoshop Express
20. Show and Tell
21. Project: Show and Tell
22. Audio Recording and Playback
23. Analog vs. Digital Audio
24. Digital Audio Editing
25. Project: Digital Audio Editing
26. 2D Animation
27. 3D Animation
28. Project: 3D Animation
29. 3D Animation - More Than Entertainment
30. Digital SFX for Film and Video
31. Project: Digital SFX for Film and Video
32. Digital Video Revolution
33. Project: Digital Video Revolution
34. Digital Cinematography
35. Post Production
36. What's Next?
37. Project: What's Next?
38. Web Basics
39. Introduction to Web Design
40. Storyboarding
41. Project: Introduction to Web Design
42. Websites - Mixing Light Entertainment with Income Generation
43. Project: Websites - Mixing Light Entertainment with Income Generation
44. Digital Gaming - A Brief History
45. Gaming Today
46. Virtual Reality - Practical Applications
47. Virtual Reality - Cutting Edge
48. Project: Virtual Reality - Cutting Edge
49. The Future of Digital Arts
50. Project: The Future of Digital Arts
51. Glossary and Credits

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Earth Science

Earth Science is a high school science course that explores Earth's structure, interacting systems, and place in the universe. The course uncovers concepts and processes found in:

- astronomy – Earth's place in and interaction with space,
- geology – physical structure and dynamic processes,
- meteorology – atmosphere, weather and climate, and
- oceanography – oceans and marine life.

Students will have the opportunity to evaluate and explore many scientific concepts by participating in interactive lab sessions, conducting hands-on activities, and completing projects designed to improve the understanding of Earth and its dynamic functions.

- **Dynamic Structure of Earth:** Students will explore the changes and cycles constantly affecting the Earth.
- **Forces and Features of Earth:** Students will learn about the forces at work on the Earth, such as earthquakes and volcanoes and how to use maps.
- **Features of Earth's Crust:** Students will learn about rocks, minerals and other resources.
- **Shaping Earth's Crust:** Students will explore the forces that shape the Earth's crust, such as weathering and erosion, and other constructive and destructive forces.
- **Earth's Water:** Students will explore the water cycle and the different bodies of water on the Earth.
- **Earth's Atmosphere:** Students will explore the make-up of the Earth's atmosphere and the impact of humans on the atmosphere.
- **Earth's Weather and Climate:** Students will explore weather and climate and how to measure and predict weather.
- **Astronomy:** Students will explore the solar system and other celestial bodies in the universe.

Earth Science	**Unit 1: Dynamic Structure of Earth**	
	Assignments	
	1. Course Overview	14. Quiz 2: Earth's Dynamic Internal Structure
	2. Introduction to Earth Science	15. The Spheres of Earth
	3. Project: Research a Career	16. Project: Sphere Interaction Lab
	4. A Unique Planet	17. Geochemical Cycles: Cycles of Earth Materials
	5. Project: Earth Comparisons	18. Biogeochemical Cycles: Cycles of Life Materials
	6. Quiz 1: Introduction to Earth Science	19. Flow of Energy in Ecosystems
	7. Layers of the Earth	20. Project: Flow of Energy
	8. Project: Building a Model of the Earth	21. Quiz 3: Earth's Dynamic External Structure
	9. Continental Drift	22. Special Project*
	10. Plate Tectonics	23. Review
	11. Project: Mantle Convection	24. Test
	12. Plate Boundaries	25. Alternate Test*
	13. Project: Plate Boundaries	26. Glossary and Credits

Earth Science	**Unit 2: Forces and Features of Earth**	
	Assignments	
	1. Force of Earthquakes	12. Using Geologic Maps
	2. Measuring The Force of Earthquakes	13. Using Topographic Maps
	3. Features of Earthquakes	14. Project: Mapping
	4. Project: Earthquake Features Lab	15. Project: Create a Topographic Map*

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	5. Quiz 1: Earthquakes	16. Quiz 3: Identifying Features of Earth
	6. Force of Volcanoes	17. Special Project*
	7. Impact of Volcanoes	18. Review
	8. Prediction of Volcanoes	19. Test
	9. Features of Volcanoes	20. Alternate Test*
	10. Project: Volcanic Features Lab	21. Glossary and Credits
	11. Quiz 2: Volcanoes	

Earth Science	Unit 3: Features of Earth's Crust	
	Assignments	
	1. Minerals	11. Quiz 2
	2. Project: Crystal Systems	12. Renewable Resources
	3. Mineral Identification	13. Nonrenewable Resources
	4. Project: Identifying a Mineral	14. Project: Nuclear Energy
	5. Quiz 1	15. Quiz 3
	6. Igneous Rocks	16. Special Project*
	7. Sedimentary Rocks	17. Review
	8. Metamorphic Rocks	18. Test
	9. The Rock Cycle	19. Alternate Test*
	10. Project: Identifying a Rock	20. Glossary and Credits

Earth Science	Unit 4: Shaping Earth's Crust	
	Assignments	
	1. Weathering	10. Quiz 2: Weathering and Erosion
	2. Erosion	11. Destructive Forces
	3. Soil Formation	12. Constructive Forces
	4. Project: Soil Particles	13. Quiz 3: Destructive and Constructive Forces
	5. Quiz 1: Shaping the Surface	14. Special Project*
	6. Rivers and Waves	15. Review
	7. Gravity and Glaciers	16. Test
	8. Project: Ice Erosion	17. Alternate Test*
	9. Wind	18. Glossary and Credits

Earth Science	Unit 5: Semester Review and Exam	
	Assignments	
	1. Review (1)	3. Exam
	2. Review (2)	4. Alternate Exam*

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Earth Science

Unit 6: Earth's Water

Assignments

1. The Water Cycle
2. Project: Water Purification
3. Water Basics
4. Water Distribution
5. Project: Water Conservation
6. Quiz 1
7. Groundwater
8. Experiment: Porosity and Permeability
9. Lakes and Rivers
10. Glaciers and Ice Caps
11. Quiz 2
12. Ocean Water
13. Experiment: Fresh Water vs. Saltwater
14. Waves and Tides
15. Currents
16. Quiz 3
17. Special Project*
18. Review
19. Test
20. Alternate Test*
21. Glossary and Credits

Earth Science

Unit 7: Earth's Atmosphere

Assignments

1. Importance of the Atmosphere
2. Structure of the Atmosphere
3. Project: Layers of the Atmosphere
4. Quiz 1: The Atmosphere
5. Atmospheric Cycles
6. Solar Interaction
7. Project: Solar Energy
8. Alternate Project: Temperature*
9. Air Pressure and Winds
10. Project: Air Circulation
11. Alternate Project: Barometers*
12. Quiz 2: Earth-Sun Relationships
13. Air Pollution
14. Project: Greenhouse Effect
15. Quiz 3: Human Relationship
16. Special Project*
17. Review
18. Test
19. Alternate Test*
20. Glossary and Credits

Earth Science

Unit 8: Earth's Weather and Climate

Assignments

1. Weather and Climate
2. Project: Weather or Climate?
3. Clouds and Precipitation
4. Project: Clouds and Weather
5. Project: Clouds and Rain*
6. Air Masses and Fronts
7. Quiz 1: Weather Factors of the Sky
8. Solar Power
9. Project: Control the Weather*
10. Geographical Effects
11. Climate Regulation and Change
12. Project: Research Your Climate
13. Quiz 2: Causes of Weather and Climate
14. Weird Weather
15. Measuring Weather
16. Project: Predict the Weather
17. Quiz 3: Predicting Weather
18. Special Project*
19. Review
20. Test
21. Alternate Test*
22. Glossary and Credits

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Earth Science	Unit 9: Astronomy	
	Assignments	
	1. Earth's Place in the Solar System	10. Galaxies
	2. Project: Scale of the Solar System	11. Project: Identifying Galaxies
	3. Planetary Motion	12. Quiz 2: Stars and Galaxies
	4. Ability to Orbit	13. Special Project*
	5. Project: Newton's Law	14. Review
	6. Earth's Motion, Seasons, and Moon	15. Test
	7. Quiz 1: Solar System	16. Alternate Test*
	8. Characteristics of Stars	17. Glossary and Credits
	9. Structure of the Sun	

Earth Science	Unit 10: Semester Review and Exam	
	Assignments	
	1. Review (1)	3. Exam
	2. Review (2)	4. Alternate Exam*

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Essentials of Business

This semester-long course is an introduction to the goals, processes, and operations of business enterprises for students. The main focus is on the functions that a company – whether a multinational corporation or a corner grocery store – must manage effectively to be successful. These include accounting, finance, human resource management, marketing, operations management, and strategic planning. Attention is also given to the legal environment in which businesses operate, and the importance of business ethics and corporate citizenship.

Throughout the course, students may be asked to answer questions or to reflect on what they've read in their notes. The notes are not graded. Rather, they are a way for students to extend their thinking about the lesson content. Students may keep handwritten or typed notes.

Upon completion of the course, students should be able to do the following:

- Apply business concepts to their lives
- Compare and contrast market economies with controlled economy
- Describe the six areas of human resource management
- List and define the legal forms of business ownership
- Name and describe the components of successful business communication
- Analyze ways in which technology is changing business operations

Essentials of Business

Unit 1: Essentials of Business

Assignments

1. Course Overview
2. Principles of Training
3. Your Role in Business
4. Project: Your Role in the Business
5. Business Career Choices
6. Project: Business Career Choices
7. Selling Yourself
8. Project: Selling Yourself
9. Market-Based Economy
10. Business Economics Wants vs. Needs
11. Unlimited Wants vs. Limited Resources
12. Project: Unlimited Wants vs Limited Resources
13. Human Resources
14. Marketing and Advertising
15. Project: Marketing and Advertising
16. Sales Techniques and Careers
17. Project: Sales Techniques and Careers
18. Business Structures
19. Management
20. Finance Options, Credit Use, and Banking
21. Project: Finance Options, Credit Use, and Banking
22. Recordkeeping Money and Asset Management
23. Consumer Rights
24. Project: Consumer Rights
25. Business Leadership Skills
26. Project: Business Leadership Skills
27. Group Dynamics in the Business Setting
28. Team-Building Skills in Business
29. Business Ethics
30. Project: Business Ethics
31. Business Etiquette
32. Methods of Business Communication
33. Verbal and Nonverbal Business Communication
34. Business Letters and Memos
35. Project: Business Letters and Memos
36. Business Presentations and Delivery
37. Business Technology
38. Use of Technology in Business
39. Project: Use of Technology in Business
40. Channels of Business Communication
41. Role of Future Business Leaders of America
42. Project: Role of Future Business Leaders of America
43. Glossary and Credits

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Essentials of Communication

Essentials of Communication: A Guide to Interacting Effectively in Today's World™ is a five-unit elective course for high school students. The materials cover fundamentals of the communication process important for successful interaction in a variety of social and professional settings. Students can use the course to gain and apply knowledge about communication theories, characteristics of language and language use, interpersonal relationships, group dynamics, and public speaking in order to interact more effectively with others.

The course seeks to help students expand their knowledge and skills as communicators so that they may achieve the following goals:

- Know and understand aspects of communication theories and processes appropriate to both social and professional settings.
- Use interpersonal communication strategies appropriately in social and professional settings.
- Effectively communicate in social and professional group settings.
- Plan, prepare, deliver, and evaluate formal and informal personal and professional presentations.

In attaining these goals, students will be better equipped to use communication to hone other life skills, including exchanging information, fulfilling social obligations, developing relationships, and understanding and meeting the needs of others.

Essentials of Communication	Unit 1: Communication Foundations	
	Assignments	
	1. Course Overview	15. Perception and Communication Competence
	2. Introduction to Communication	16. Project: Perception Checking
	3. Types of Communication	17. Quiz 2: Perception and Communication
	4. Project: Communication Log	18. Self and Communication
	5. The Importance of Communication	19. Project: Looking Inward*
	6. Project: Reflection*	20. Self-Concept and Competent Communication
	7. Becoming a Competent Communicator	21. Project: Changing Your Self-Concept*
	8. Project: Evaluating Communication Competence	22. Self-Disclosure
	9. Project: Ethical Principles of Communication*	23. Quiz 3: Self and Communication
	10. Quiz 1: Discovering the Foundations of Effective Communication	24. Special Project*
		25. Review
	11. Introduction to Perception	26. Test
	12. Project: Three Stages of Perception*	27. Alternate Test*
	13. Influences on Perception	28. Glossary and Credits
	14. Project: Overcoming Perception Influences*	

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Essentials of Communication

Unit 2: Language Characteristics

Assignments

1. The Nature of Language
2. Language in Social Settings
3. Project: Recognizing In-Language*
4. The Functions of Language
5. Project: Using Responsible Language
6. Quiz 1: Language
7. Nonverbal Communication
8. Project: Recognizing Nonverbal Behavior
9. The Functions of Nonverbal Communication
10. Types of Nonverbal Communication
11. Project: Ethics and Impressions
12. Competent Nonverbal Communication
13. Project: Observing Nonverbal Communication
14. Quiz 2: Nonverbal Communication
15. The Listening Process
16. Listening Styles
17. Project: Using Listening Styles
18. Listening Barriers
19. Project: Listening Strategies
20. Quiz 3: Listening
21. Special Project*
22. Review
23. Test
24. Alternate Test*
25. Glossary and Credits

Essentials of Communication

Unit 3: Interpersonal Relationships

Assignments

1. Types of Interpersonal Relationships
2. Relationship Stages
3. Project: Applying Knapp's Relational Model
4. Fluctuations in Relationship Development
5. Quiz 1: Interpersonal Relationships
6. Conversation
7. Project: Are You a Good Conversationalist?*
8. Conversation Management
9. Project: Practicing Cues
10. The Basics of Conversational Competence
11. Quiz 2: Interpersonal Communication: Conversation
12. Etiquette for Introductions
13. Project: Introductions
14. Telephone Etiquette
15. E-mail Etiquette
16. Criticism
17. Project: Expressing Yourself Politely*
18. Quiz 3: Etiquette for Interpersonal Communication
19. Interviewing
20. Preparing for an Interview
21. Project: Preparing for a Job Interview*
22. Quiz 4: Interviewing
23. Special Project*
24. Review
25. Test
26. Alternate Test*
27. Glossary and Credits

Essentials of Communication

Unit 4: Understanding Groups

Assignments

1. The Small Group
2. Small Group Types and Formats
3. Project: Brainstorming
4. Organizations
5. Quiz 1: Group Communication
6. Factors Affecting Group Dynamics
7. Individual Competence in Groups
8. Problem Solving in Groups
9. Quiz 2: Group Dynamics
10. Leadership Styles
11. Project: Identifying Leadership Styles
12. Leadership Functions
13. Project: Evaluating Group Effectiveness
14. Quiz 3: Group Leadership and Evaluation
15. Special Project*
16. Review
17. Test
18. Alternate Test*
19. Glossary and Credits

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Essentials of Communication

Unit 5: Presenting and Interpreting Public Messages

Assignments

1. Determining the Purpose and Choosing a Topic
2. Project: Defining Topic and Purpose
3. Project: Developing a Thesis Statement
4. Defining Your Audience
5. Project: Defining Your Audience
6. Project: Developing a Preliminary Outline
7. Quiz 1: Preparing Speeches
8. Research
9. Project: Conducting Research
10. Supporting Materials
11. Presenting the Topic Visually
12. Project: Revising and Expanding the Outline
13. Quiz 2: Supporting Speeches
14. Selecting an Organizational Pattern
15. Outlining a Speech
16. Project: Developing Your Outline
17. Preparing Your Notes and Cues
18. Project: Developing Speaking Notes
19. Quiz 3: Organizing Speeches
20. Preparing to Deliver a Speech
21. Project: Rehearsing Your Speech
22. Dealing with Apprehension
23. Delivering Group Presentations and Evaluating Speeches
24. Project: Delivering and Evaluating Your Speech
25. Quiz 4: Delivering and Evaluating Speeches
26. Special Project*
27. Review
28. Test
29. Alternate Test*
30. Glossary and Credits

EOC

Unit 6: Course Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam*

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Family and Consumer Science

Family and Consumer Science is a 10-unit elective that uses biblical principles to help high school students develop positive self-esteem and learn to successfully navigate relationships with family, friends, co-workers, and even those in the marketplace. The curriculum introduces students to character and appearance from a biblical perspective. The material also teaches about nutrition, clothing styles, home care and hospitality, personal finance, and child development and care.

Through this course, students will do the following:

- Examine specific principles that will help develop their personal lives from a Christian perspective.
- Learn about proper nutrition and demonstrate skill in preparing various food items.
- Identify the purposes for making specific choices in clothes.
- Prepare weekly and monthly budgets.
- Develop skills necessary to care for children ranging from birth to young school-age.
- Develop an understanding of relational dynamics with family members, friends, classmates, co-workers, and those encountered in the marketplace.

Family and Consumer Science

Unit 1: Christian Character and Appearance

Assignments

1.	Course Overview	11.	Grooming
2.	Inner Beauty: Character Qualities	12.	Project: Posture
3.	Biblical Principles vs. Personal Preferences	13.	Quiz 2
4.	Personality Strengths and Weaknesses	14.	Behavioral Beauty: Actions
5.	Project: Identify Your Strengths and Weaknesses	15.	Communication
6.	Quiz 1	16.	Quiz 3
7	Physical Beauty: Health	17.	Special Project*
8.	Project: Self-Evaluation Quiz	18.	Test
9.	Nutrition and Exercise	19.	Alternate Test*
10.	Hygiene	20.	Reference

Family and Consumer Science

Unit 2: What's Cookin'?

Assignments

1.	Getting Acquainted with the Kitchen	9.	Meal Management
2.	Utensils	10.	Reading Labels
3.	Project: Kitchen Tools*	11.	Food Storage
4.	Kitchen Safety	12.	Quiz 3
5.	Quiz 1	13.	Special Project*
6.	Recipes	14.	Test
7.	Measuring Ingredients	15.	Alternate Test*
8.	Quiz 2	16.	Reference

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Family and Consumer Science

Unit 3: Let's Eat

Assignments

1. Nutrition
2. Vitamins
3. Project: Nutrient Guide
4. My Plate
5. Heart Healthy Eating and Special Diets
6. Quiz 1
7. Food Preparation
8. Vegetables
9. Fruits and Milk
10. Meat, Poultry, Fish
11. Project: Beef or Vegetable Stew
12. Soups, Salads, and Garnishes
13. Project: Prepare a Salad or Soup*
14. Baking
15. Project: Cookies
16. Project: Scratch Cake*
17. Project: Bake a Pie*
18. Breads
19. Project: Bake Bread*
20. Quiz 2
21. Meal Planning
22. Project: Menu for a Week
23. Making a Grocery List
24. Quiz 3
25. Food Service
26. Table Setting
27. Table Waiting
28. Project: Plan Meals
29. Quiz 4
30. Special Project*
31. Test
32. Alternate Test*
33. Reference

Family and Consumer Science

Unit 4: The Clothes You Wear

Assignments

1. The Clothes You Wear
2. Fashion Knowledge
3. Project: Style, Fad, and Fashion
4. Project: Draped, Tailored, Composite*
5. Clothing Business Terms
6. Project: Wardrobe Inventory
7. Quiz 1
8. Design and Appearance
9. Garment Styles and Parts
10. Clothes for You
11. Project: Garment Design*
12. Quiz 2
13. Textiles and Fabrics
14. Man-Made Fibers
15. Quiz 3
16. Care of Clothes
17. Project: Sewing Skills*
18. Emergency Repairs
19. Laundering
20. Quiz 4
21. Special Project*
22. Test
23. Alternate Test*
24. Reference

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Family and Consumer Science

Unit 5: The Clothes You Sew

Assignments

1. Sewing Equipment
2. Sewing Machines
3. Safety
4. Project: Calamity Claire
5. Quiz 1
6. Basic Sewing
7. Project: Sewing Seams
8. Machine Stitches
9. Project: Sewing Stitches by Machine
10. Seams and Seam Finishes
11. Project: Sewing Curved Seams*
12. Darts, Tucks, Pleats, Gatherings, and Facings
13. Project: Darts*
14. Closures
15. Project: Zippers
16. Quiz 2
17. Selecting Pattern, Fabric, and Notions
18. Project: Measuring for Fit*
19. The Language of Patterns
20. Pattern
21. Quiz 3
22. Layout, Cutting, Marking, and Pressing
23. Project: Tracing Patterns
24. Project: Sewing Project
25. Quiz 4
26. Special Project*
27. Test
28. Alternate Test*
29. Reference

Family and Consumer Science

Unit 6: Interior Decorating

Assignments

1. A Brief History of Interior Decoration
2. English Design
3. Traditional American Design
4. Project: Time Periods
5. Quiz 1
6. Introduction to Design and Decoration
7. Line
8. Project: Floor Plan Measurements
9. Project: Furniture Placement
10. Project: Room Design
11. Project: Spirit of the Room
12. Quiz 2
13. Specific Treatments
14. Wall Treatments
15. Lighting
16. Quiz 3
17. Visual Enrichment
18. Project: Model Home Field Trip*
19. Project: Design Notebook
20. Sewing for the Home
21. Project: Pillow Project*
22. Quiz 4
23. Special Project*
24. Test
25. Alternate Test*
26. Reference

Family and Consumer Science

Unit 7: Your Home and You

Assignments

1. Hospitality
2. Types of Entertainment
3. Project: Party Planning
4. Overnight Guests
5. Project: Thank You Notes
6. Quiz 1
7. Etiquette
8. Dating Etiquette
9. Quiz 2
10. Home Management
11. Project: Cleaning Schedule
12. Basic Tools
13. Project: Home Repair
14. Auto Care and Repair
15. Project: Auto Service Check*
16. Quiz 3
17. Special Project*
18. Test
19. Alternate Test*
20. Reference

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Family and Consumer Science

Unit 8: Financial Freedom

Assignments

1. Getting a Job
2. Project: Application
3. The Résumé
4. Quiz 1
5. Personal Finance
6. Personal Banking and Investment
7. Personal Budgeting
8. Project: Financial Goals
9. Project: Spending Patterns
10. Social Security
11. Project: Purchase Agreements
12. Insurance and Income Tax
13. Quiz 2
14. Legal Matters, Forms, and Contracts
15. Purchasing and Owning a Car
16. Quiz 3
17. Special Project*
18. Test
19. Alternate Test*
20. Reference

Family and Consumer Science

Unit 9: Child Development and Care

Assignments

1. Ages and Stages
2. Intellect (Wisdom)
3. Social, Emotional, and Spiritual
4. Project: Observing Children
5. Quiz 1
6. Care of Children
7. Project: Diaper Changing*
8. Creative Child Care
9. Activities
10. Project: Toy Evaluation
11. Project: Making a Toy
12. Literature
13. Project: Children's Story
14. Music
15. Project: Finger Painting
16. Science
17. Quiz 2
18. Safety and First Aid
19. Three Common Children's Conditions
20. Quiz 3
21. The Business of Babysitting
22. Information You Need
23. Quiz 4
24. Special Project*
25. Test
26. Alternate Test*
27. Reference

Family and Consumer Science

Unit 10: Relationships

Assignments

1. At Home
2. Siblings
3. Quiz 1
4. At School and Work
5. Teachers
6. Boss and Co-Workers
7. Project: Random Act of Kindness*
8. Project: Food for Thought
9. Quiz 2
10. At Church
11. The Family's Responsibility to the Church
12. Quiz 3
14. Quiz 4
15. Choosing the Right Mate
16. Project: Psalm 37:4
17. Dating
18. Marriage
19. Project: Short Essay
20. Parental Involvement
21. Quiz 5
22. Special Project*
23. Test
24. Alternate Test*
25. Reference

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Foundations for Living

Foundations for Living is an elective for high school students. Designed specifically with 11th and 12th graders in mind, Foundations for Living provides a Bible-based, sequential development of a Christian worldview through the use of fundamental truths from the Bible and the application of biblical principles to the various areas of contemporary life. The course aims to pull all of a student's education together into a unified whole, preparing them for their new adventures beyond high school in the home, church, college, and society.

Throughout this course, students will build the skills and knowledge needed to in order to do the following:

- Understand the unique identity of the Christian worldview.
- Observe how all truth properly fits together into the Christian worldview.
- Discern the difference between Christian and non-Christian worldviews.
- Think and live with discernment and conviction.
- Recognize how the world's philosophies of the past affect contemporary thinking and living.
- Judge and assess any issue using a biblical model.

Foundations for Living

Unit 1: What is a Biblical Worldview?

Assignments

1. Course Overview
2. Introduction to Worldview
3. Ancient Greek Worldview: Government
4. Ancient Greek Worldview: Religion
5. Ancient Greek Worldview: Philosophy
6. Quiz 1: The Ancient Greek Worldview
7. Ancient Hebrew Worldview: Religion
8. Ancient Hebrew Worldview: Government
9. Ancient Hebrew Worldview: Theology
10. Project: Promises of God*
11. Quiz 2: The Ancient Hebrew Worldview
12. Conflicting Worldviews
13. Dualism
14. Quiz 3: Conflicting Worldviews
15. Special Project*
16. Test: What is a Biblical Worldview?
17. Alternate Test: What is a Biblical Worldview?*
18. Reference

Foundations for Living

Unit 2: Presuppositions

Assignments

1. Assumptions and Presuppositions: Introduction
2. Assumptions and Presuppositions: Communication Difficulties
3. Moral Relativism
4. Moral Absolutism
5. Quiz 1: Assumptions and Presuppositions
6. The Basis for Truth
7. The Basis for Morality
8. God's Communication of His Standards to Us
9. Understanding Repentance and God's Grace
10. The Relationship of Law and Grace
11. Quiz 2: Truth and Morality
12. Special Project*
13. Test: Presuppositions
14. Alternate Test: Presuppositions*
15. Reference

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Foundations for Living

Unit 3: The Doctrines of the Bible

Assignments

1. The Doctrines of the Bible
2. Different View of Inspiration
3. Scriptural Support for Plenary Inspiration
4. Quiz 1: The Inspiration of Scripture
5. God's Natural Attributes
6. God's Moral Attributes
7. Quiz 2: The Attributes of God
8. The Inerrancy of Scripture
9. The Infallibility of Scripture
10. The Authority of Scripture
11. The All-Sufficiency of Scripture
12. The Illumination of the Holy Spirit
13. Quiz 3: The Authority of God's Word
14. Special Project*
15. Test: The Doctrines of the Bible
16. Alternate Test: The Doctrines of the Bible*
17. Reference

Foundations for Living

Unit 4: God's Creation

Assignments

1. Who Owns the World?
2. God's Providential Control Over the World
3. What is Man?
4. The Attributes of God and Man
5. Quiz 1: The Sovereignty of the Creator
6. Loving God and Loving Others
7. The Sanctity of Human Life
8. People with a Purpose
9. The Great Commission
10. Fulfilling the Great Commission
11. Quiz 2: The Sanctity and Purpose of Human Life
12. Special Project*
13. Test: God's Creation
14. Alternate Test: God's Creation*
15. Reference

Foundations for Living

Unit 5: Head of the Family

Assignments

1. A Special Relationship with God
2. The Fatherhood of God - Part 1
3. The Fatherhood of God - Part 2
4. Quiz 1: Head of the Family
5. Loving Leadership
6. Characteristics of a Godly Man - Part 1
7. Characteristics of a Godly Man - Part 2
8. Quiz 2: Head of the Family
9. Special Project*
10. Test: Head of the Family
11. Alternate Test: Head of the Family*
12. Reference

Foundations for Living

Unit 6: The Bible and Marriage

Assignments

1. Necessary Ingredients for a Successful Marriage
2. An Essential Foundation for a Successful Christian Marriage
3. Additional Factors to Consider for a Successful Christian Marriage
4. Quiz 1:The Successful Christian Family
5. The Role of Husbands and Wives in a Christian Home
6. The Role of Children in a Christian Home
7. Quiz 2: Roles of Family Members
8. Role Conflicts in Our Culture
9. Learned Behavior Problems in the Family
10. Quiz 3: Role Conflicts in Our Culture
11. Special Project*
12. Test: The Bible and Marriage
13. Alternate Test: The Bible and Marriage*
14. Reference

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frentFoundations for Living

Unit 7: Dating to Matrimony

Assignments

1. Recreational Dating
2. Dating Practices from Bible Times to Modern Times
3. Negative Tendencies in Dating
4. Recreational Dating and the Christian Response
5. Quiz 1: Dating vs. Courtship
6. Making a Commitment
7. Lessons from a Wedding Ceremony
8. Quiz 2: Making a Commitment
9. The Engagement Period
10. Resolving Conflicts
11. Quiz 3: The Engagement
12. Special Project*
13. Test: Dating and Matrimony
14. Alternate Test: Dating and Matrimony*
15. Reference

Foundations for Living

Unit 8: Christian Education

Assignments

1. Created to Learn
2. Created to Teach
3. The Foundation of all Education
4. General Revelation
5. Special Revelation
6. Quiz 1: Created to Learn
7. Filtering Facts
8. Learning in and from Our Environment
9. Application of Truth
10. Quiz 2: Filtering Facts and Applying the Truth
11. Special Project*
12. Test: Christian Education
13. Alternate Test: Christian Education*
14. Reference

Foundations for Living

Unit 9: Art, Music, and Politics

Assignments

1. A Christian Worldview in the Arts
2. Christian Art through History
3. Music, a Gift from God
4. The Art Form of Literature
5. Quiz 1: A Christian Worldview in the Arts
6. Civil Government
7. The Concerns and Strategies of Politics
8. Christian Involvement in Politics
9. Quiz 2: A Christian Worldview in Politics
10. Special Project*
11. Test: Art, Music, and Politics
12. Alternate Test: Art, Music, and Politics*
13. Reference

Foundations for Living

Unit 10: Putting it All Together

Assignments

1. Biblical Faith
2. Biblical Eyes
3. Biblical Strategies and their Application
4. Quiz 1: Applying a Biblical Worldview
5. Unit 1 Review: What is a Biblical Worldview?
6. Unit 2 Review: Assumptions and Presuppositions
7. Unit 3 Review: The Doctrines of the Bible
8. Unit 4 Review: God's Creation
9. Unit 5 Review: Head of the Family
10. Unit 6 Review: The Bible and Marriage
11. Unit 7 Review: Dating to Matrimony
12. Unit 8 Review: Christian Education
13. Unit 9 Review: Art, Music, and Politics
14. Quiz 2: Review
15. Special Project*
16. Test: Putting it All Together
17. Alternate Test: Putting it All Together*
18. Reference

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French I

In French 1, students begin to develop competence in four basic skill areas: listening, speaking, reading, and writing. While developing communicative competence in French, students gain and expand their knowledge of francophone countries and cultures.

Emphasis is placed on learning the present tense, the near future and the past tense in French I through thematically designed units. Topics include home, school, family, holidays, and daily and leisure activities.

Students develop the ability to:

- greet and respond to greetings
- introduce and respond to introductions
- engage in conversations on several themes
- express likes and dislikes
- make requests
- obtain information
- understand some ideas and familiar details
- begin to provide information.

By the end of French I, students will:

- communicate minimally by using short sentences, learned words and phrases, and simple questions and commands when speaking and writing.
- understand some ideas and familiar details presented in clear, uncomplicated speech when listening.
- understand short texts enhanced by visual clues when reading.

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French I	Unit 1: Bienvenue	
	Assignments	
	1. Course Overview	1. Course Overview
	2. Bienvenue au monde francophone	2. Welcome to the Francophone World
	3. Les salutations	3. Greetings
	4. L'alphabet et les accents	4. Alphabet and Accents
	5. Les nombres de 0 à 60	5. Numbers from 0 to 60
	6. Interrogation 1 : Les présentations	6. Quiz 1: Introductions
	7. Interrogation alternative – Version A : Les présentations*	7. Alternate Quiz - Form A: Introductions*
	8. Interrogation alternative – Version B : Les présentations*	8. Alternate Quiz - Form B: Introductions*
	9. Un pays divers	9. A Diverse Country
	10. Etre: To Be or Not to Be	10. Être: To Be or Not to Be
	11. D'où es-tu ?	11. Where Are You From?
	12. Masculin ou féminin	12. Masculine or Feminine
	13. Un autoportrait	13. A Self-Portrait
	14. Interrogation 2 : Les descriptions	14. Quiz 2: Descriptions
	15. Interrogation alternative - Version A : Les descriptions*	15. Alternate Quiz - Form A: Descriptions*
	16. Interrogation alternative - Version B : Les descriptions*	16. Alternate Quiz - Form B: Descriptions*
	17. Dossier : le monde francophone	17. Project: The Francophone World
	18. Dossier spécial*	18. Special Project*
	19. Révision	19. Review
	20. Contrôle : Bienvenue	20. Test: Welcome
	21. Contrôle alternatif - Version A : Bienvenue*	21. Alternate Test – Form A: Welcome*
	22. Contrôle alternatif - Version B : Bienvenue*	22. Alternate Test – Form B: Welcome*
	23. Glossaire et références	23. Glossary and Credits

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French I

Unit 2: Au Lycée	
Assignments	
1. En classe	1. In the Classroom
2. Avoir	2. To Have
3. Les expressions avec avoir	3. Expressions with to Have
4. Les expressions utilisées à l'école	4. School Expressions
5. Interrogation 1 : En classe	5. Quiz 1: In Class
6. Interrogation alternative - Version A : En classe*	6. Alternate Quiz - Form A: In Class*
7. Interrogation alternative - Version B : En classe*	7. Alternate Quiz - Form B: In Class*
8. Le système éducatif en France	8. The Educational System in France
9. Les matières	9. School Subjects
10. Les verbes -er	10. -Er Verbs
11. La construction infinitive	11. Infinitive Construction
12. Les structures interrogatives	12. Interrogative Structures
13. Interrogation 2 : Au lycée en France	13. Quiz 2: High School in France
14. Interrogation alternative - Version A : Au lycée en France*	14. Alternate Quiz - Form A: High School in France*
15. Interrogation alternative - Version B : Au lycée en France*	15. Alternate Quiz - Form B: High School in France*
16. Emploi du temps	16. Schedule
17. Quelle heure est-il ?	17. What Time Is It?
18. Quelle est la date d'aujourd'hui ?	18. What Is the Date Today?
19. Les chiffres de 60 à 100	19. Numbers from 60 to 100
20. Dossier : Ton emploi de temps	20. Project: Your Schedule
21. Interrogation 3 : La date et l'horaire	21. Quiz 3: Date and Time
22. Interrogation alternative - Version A : La date et l'horaire*	22. Alternate Quiz - Form A: Date and Time*
23. Interrogation alternative - Version B : La date et l'horaire*	23. Alternate Quiz - Form B: Date and Time*
24. Dossier spécial*	24. Special Project*
25. Révision	25. Review
26. Contrôle : Au lycée	26. Test: At High School
27. Contrôle alternatif - Version A : Au lycée*	27. Alternate Test – Form A: At High School*
28. Contrôle alternatif - Version B : Au lycée*	28. Alternate Test – Form B: At High School*
29. Glossaire et références	29. Glossary and Credits

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French I

Unit 3: La Famille et les Amis	
Assignments	
1. Les structures familiales en France	1. Familial Structures in France
2. La famille	2. Family
3. Les adjectifs possessifs	3. Possessive Adjectives
4. L'apparence physique	4. Physical Appearance
5. Les expressions interrogatives	5. Interrogative Expressions
6. Dossier : Votre arbre généalogique	6. Project: Your Family Tree
7. Interrogation 1 : La famille	7. Quiz 1: Family
8. Interrogation alternative - Version A : La famille*	8. Alternate Quiz - Version A: Family*
9. Interrogation alternative - Version B : La famille*	9. Alternate Quiz - Version B: Family*
10. L'amitié	10. Friendship
11. Les adjectifs	11. Adjectives
12. Les adjectifs irréguliers	12. Irregular Adjectives
13. Les adjectifs qui précèdent le nom	13. Adjectives That Precede the Noun
14. Dossier : Un ami idéal	14. Project: An Ideal Friend
15. Interrogation 2 : Les amis	15. Quiz 2: Friends
16. Interrogation alternative - Version A : Les amis*	16. Alternate Quiz - Version A: Friends*
17. Interrogation alternative - Version B : Les amis*	17. Alternate Quiz - Version A: Friends*
18. Dossier spécial*	18. Special Project*
19. Révision	19. Review
20. Contrôle : La famille et les amis	20. Test:: Family and Friends
21. Contrôle alternatif - Version A : La famille et les amis*	21. Alternate Test – Form A: Family and Friends*
22. Contrôle alternatif - Version B : La famille et les amis*	22. Alternate Test – Form B: Family and Friends*
23. Glossaire et références	23. Glossary and Credits

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French I

Unit 4: Les Loisirs et les Sports	
Assignments	
1. Les loisirs en France	1. Leisure Activities in France
2. Les passe-temps	2. Hobbies
3. Faire	3. To Do or to Make
4. Les verbes et les adverbes	4. Verbs and Adverbs
5. Dossier : Un correspondant français	5. Project: A French Correspondent
6. Interrogation 1 : Les loisirs	6. Quiz 1: Leisure Activities
7. Interrogation alternative - Version A : Les loisirs*	7. Alternate Quiz - Form A: Leisure Activities*
8. Interrogation alternative - Version B : Les loisirs*	8. Alternate Quiz - Form B: Leisure Activities*
9. Les sports en France	9. Sports in France
10. Les sports	10. Sports
11. Plus d'adverbes	11. More Adverbs
12. Provence-Alpes-Côte d'Azur	12. Provence-Alps-French Riviera
13. Dossier : les jeux Olympiques	13. Project: The Olympic Games
14. Interrogation 2 : Les sports	14. Quiz 2: Sports
15. Interrogation alternative - Version A : Les sports*	15. Alternate Quiz - Version A: Sports*
16. Interrogation alternative - Version B : Les sports*	16. Alternate Quiz - Version B: Sports*
17. Le temps	17. Weather
18. Les saisons	18. Seasons
19. Dossier : Une prévision météorologique	19. Project: A Weather Forecast
20. Interrogation 3 : La météo	20. Quiz 3: Weather
21. Interrogation alternative - Version A : La météo*	21. Alternate Quiz - Version A: Weather*
22. Interrogation alternative - Version B : La météo*	22. Alternate Quiz - Version B: Weather*
23. Dossier spécial*	23. Special Project*
24. Révision	24. Review
25. Contrôle : Les loisirs et les sports	25. Test: Hobbies and Sports
26. Contrôle alternatif - Version A : Les loisirs et les sports*	26. Alternate Test – Form A: Hobbies and Sports*
27. Contrôle alternatif - Version B : Les loisirs et les sports*	27. Alternate Test – Form B: Hobbies and Sports*
28. Glossaire et références	28. Glossary and Credits

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French I	Unit 5: Les Fêtes tt les Traditions	
	Assignments	
	1. Noël en France	1. Christmas in France
	2. Les fêtes en France	2. Holidays in France
	3. Faisons la fête !	3. Let's Celebrate!
	4. Les chiffres à partir de 100	4. Numbers Larger than 100
	5. Le carnaval	5. Carnival
	6. Dossier: Une fête en France	6. Project: A French Holiday
	7. Interrogation 1 : Les fêtes	7. Quiz 1: Holidays
	8. Interrogation alternative - Version A : Les fêtes*	8. Alternate Quiz - Form A: Holidays*
	9. Interrogation alternative - Version B : Les fêtes*	9. Alternate Quiz - Form B: Holidays*
	10. La fête nationale de la France	10. France's National Holiday
	11. Dossier: Les fêtes nationales	11. Project: National Holidays
	12. Joyeux anniversaire !	12. Happy Birthday!
	13. Les invitations	13. Invitations
	14. Les verbes qui changent d'orthographe	14. Stem-changing Verbs
	15. Interrogation 2 : Les anniversaires	15. Quiz 2: Birthdays
	16. Interrogation alternative - Version A : Les Anniversaires*	16. Alternate Quiz - Form A: Birthdays*
	17. Interrogation alternative - Version B: Les anniversaires*	17. Alternate Quiz - Form B: Birthdays*
	18. Les périodes de la vie	18. Stages of Life
	19. Les couleurs	19. Colors
	20. Les pronoms complément d'objet direct	20. Direct-Object Pronouns
	21. Interrogation 3 : La vie	21. Quiz 3: Life
	22. Interrogation alternative - Version A : La vie*	22. Alternate Quiz - Form A: Life*
	23. Interrogation alternative - Version B : La vie*	23. Alternate Quiz - Form B: Life*
	24. Dossier spécial*	24. Special Project*
	25. Révison	25. Review
	26. Contrôle : Les fêtes et les traditions	26. Test: Holidays and Traditions
	27. Contrôle alternatif - Version A : Les fêtes et les traditions*	27. Alternate Test – Form A: Holidays and Traditions*
	28. Contrôle alternatif - Version B : Les fêtes et les traditions*	28. Alternate Test – Form B: Holidays and Traditions*
	29. Glossaire et références	29. Glossary and Credits

French I	Unit 6: Révision et Contrôle Semestriel	
	Assignments	
	1. Révision	1. Review
	2. Contrôle semestriel	2. Exam
	3. Contrôle semestriel - Version A*	3. Alternate Exam – Form A*
	4. Contrôle semestriel - Version B*	4. Alternate Exam – Form B*

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French I	Unit 7: En Ville	
	Assignments	
	1. Visitons la ville	1. Let's Visit the City
	2. Aller	2. To Go
	3. Les prépositions de lieu	3. Prepositions of Place
	4. La Bretagne	4. Brittany
	5. Dossier : Mon quartier	5. Project: My Neighborhood
	6. Interrogation 1: La vie en ville	6. Quiz 1: Life in the City
	7. Interrogation alternative - Version A : La vie en ville*	7. Alternate Quiz - Form A: Life in the City*
	8. Interrogation alternative - Version B : La vie en ville*	8. Alternate Quiz - Form B: Life in the City*
	9. Paris	9. Paris
	10. Les nombres ordinaux	10. Ordinal Numbers
	11. Les moyens de transport	11. Transportation
	12. Les verbes réguliers en -re	12. Regular -re Verbs
	13. Les verbes irréguliers en -re	13. Irregular -re Verbs
	14. Dossier : L'itineraire pour mon voyage à Paris	14. Project: The Itinerary for My Trip to Paris
	15. Interrogation 2: La ville des lumières	15. Quiz 2: The City of Lights
	16. Interrogation alternative - Version A : La ville des lumières*	16. Alternate Quiz - Form A: The City of Lights*
	17. Interrogation alternative - Version B : La ville des lumières*	17. Alternate Quiz - Form B: The City of Lights*
	18. Dossier spécia*	18. Special Project*
	19. Révision	19. Review
	20. Contrôle : En ville	20. Test: In the City
	21. Contrôle alternatif - Version A : En ville*	21. Alternate Test – Form A: In the City*
	22. Contrôle alternatif - Version B : En ville*	22. Alternate Test – Form B: In the City*
	23. Glossaire et références	23. Glossary and Credits

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French I	Unit 8: Bon Appétit	
	Assignments	
	1. Les repas français	1. French Meals
	2. Faire les courses	2. Grocery Shopping
	3. Les verbes réguliers en -ir	3. Regular -ir Verbs
	4. Les verbes irréguliers en -ir	4. Irregular -ir Verbs
	5. Interrogation 1: La nourriture	5. Quiz 1: Food
	6. Interrogation alternative - Version A : La nourriture*	6. Alternate Quiz - Version A: Food*
	7. Interrogation alternative - Version B : La nourriture*	7. Alternate Quiz - Version B: Food*
	8. Au café	8. At the Café
	9. L'article partitif	9. The Partitive Article
	10. Les expressions de quantité	10. Expressions of Quantity
	11. Dossier : Recette de crêpes	11. Project: Crepe Recipe
	12. Interrogation 2:La nourriture et les quantités	12. Quiz 2: Food and Quantities
	13. Interrogation alternative - Version A : La nourriture et les quantités*	13. Alternate Quiz - Version A: Food and Quantities*
	14. Interrogation alternative - Version B : La nourriture et les quantités*	14. Alternate Quiz - Version B: Food and Quantities*
	15. À table	15. At the Table
	16. Au restaurant	16. At the Restaurant
	17. Dossier : Au restaurant	17. Project: At the Restaurant
	18. La cuisine française	18. French Cuisine
	19. Interrogation 3: La cuisine française	19. Quiz 3: French Cuisine
	20. Interrogation alternative - Version A : La cuisine Française*	20. Alternate Quiz - Version A: French Cuisine*
	21. Interrogation alternative - Version B : La cuisine française*	21. Alternate Quiz - Version B: French Cuisine*
	22. Dossier spécial*	22. Special Project*
	23. Révision	23. Review
	24. Contrôle : Bon appétit	24. Test: Bon Appetite
	25. Contrôle alternatif - Version A : Bon appétit*	25. Alternate Test – Form A: Bon Appetite*
	26. Contrôle alternatif - Version B : Bon appétit*	26. Alternate Test – Form B: Bon Appetite*
	27. Glossaire et références	27. Glossary and Credits

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French I	Unit 9: La Vie Quotidienne	
	Assignments	
	1. Les vêtements et les couleurs	1. Clothes and Colors
	2. En solde	2. On Sale
	3. Mettre	3. To Place, to Put On
	4. Faisons du shopping	4. Let's Go Shopping
	5. Dossier : Un défilé de mode	5. Project: A Fashion Show
	6. Le look en France	6. The Look in France
	7. Dossier : Ton look	7. Project: Your Look
	8. Interrogation 1: Les vêtements	8. Quiz 2: Clothing
	9. Interrogation alternative - Version A : Les vêtements*	9. Alternate Quiz - Form A: Clothing*
	10. Interrogation alternative - Version B : Les vêtements*	10. Alternate Quiz - Form B: Clothing*
	11. Les parties du corps	11. Parts of the Body
	12. Dossier : Un ami imaginaire et bizarre	12. Project: A Bizarre Imaginary Friend
	13. Les gestes et les expressions	13. Gestures and Expressions
	14. Les verbes réfléchis	14. Reflexive Verbs
	15. L'interrogation et la négation des verbes réfléchis	15. Interrogation and Negation with Reflexive Verbs
	16. Dossier : Votre routine quotidienne	16. Project: Your Daily Routine
	17. Interrogation 2: La routine	17. Quiz 2: Routine
	18. Interrogation alternative - Version A : La routine*	18. Alternate Quiz - Form A: Routine*
	19. Interrogation alternative - Version B : La routine*	19. Alternate Quiz - Form B: Routine*
	20. Dossier spécial*	20. Special Project*
	21. Révision	21. Review
	22. Contrôle : La vie quotidienne	22. Test: Daily Life
	23. Contrôle alternatif - Version A : La vie quotidienne*	23. Alternate Test – Form A: Daily Life*
	24. Contrôle alternatif - Version B : La vie quotidienne*	24. Alternate Test – Form B: Daily Life*
	25. Glossaire et références	25. Glossary and Credits

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French I	Unit 10: Les Médias	
	Assignments	
	1. À la télévision	1. On Television
	2. La publicité	2. Commercials
	3. Voir, c'est croire	3. Seeing Is Believing
	4. Dossier : Le journal télévisé	4. Project: The News
	5. Interrogation 1 : À la télé	5. Quiz 1 - : On TV
	6. Interrogation alternative - Version A : À la télé*	6. Alternate Quiz - Form A: On TV*
	7. Interrogation alternative - Version B : À la télé*	7. Alternate Quiz - Form B: On TV*
	8. Sur Internet	8. On the Internet
	9. Dire, lire et écrire	9. To Say, to Read, to Write
	10. Les pronoms complément d'objet direct	10. Direct-Object Pronouns
	11. Interrogation 2 : L'Informatique	11. Quiz 2: Computing
	12. Interrogation alternative-Version A : L'Informatique*	12. Alternate Quiz - Form A: Computing*
	13. Interrogation alternative-Version B : L'Informatique*	13. Alternate Quiz - Form B: Computing*
	14. La presse	14. The Press
	15. Les pronoms complément d'objet indirect	15. Indirect-Object Pronouns
	16. Dossier : Le Monde	16. Project: *Le Monde*
	17. Interrogation 2 : La lecture	17. Quiz 3: Reading
	18. Interrogation alternative - Version A : La lecture*	18. Alternate Quiz - Form A: Reading*
	19. Interrogation alternative - Version B : La lecture*	19. Alternate Quiz - Form B: Reading*
	20. Dossier spécial*	20. Special Project*
	21. Révision	21. Review
	22. Contrôle : Les médias	22. Test: The Media
	23. Contrôle alternatif - Version A: Les medias*	23. Alternate Test – Form A: The Media*
	24. Contrôle alternatif - Version B: Les medias*	24. Alternate Test – Form B The Media*
	25. Glossaire et références	25. Glossary and Credits

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French I	Unit 11: Les Vacances	
	Assignments	
	1. À l'agence de voyage	1. At the Travel Agency
	2. Le passé composé avec les verbes –er	2. The Passé Composé with -er Verbs
	3. Le passé composé avec les verbes –ir	3. The Passé Composé with -ir Verbs
	4. Le passé composé avec les verbes –re	4. The Passé Composé with -re Verbs
	5. Mes vacances en Normandie	5. My Vacation in Normandy
	6. Interrogation 1: Les vacances d'été	6. Quiz 1: Summer Vacation
	7. Interrogation alternative - Version A : Les vacances d'été*	7. Alternate Quiz - Form A: Summer Vacation*
	8. Interrogation alternative - Version B : Les vacances d'été*	8. Alternate Quiz - Form B: Summer Vacation*
	9. À la gare	9. At the Train Station
	10. La région du Centre	10. The Central Region of France
	11. La Corse	11. Corsica
	12. Le passé composé avec être	12. The Passé Composé with Être
	13. Dossier : Mon voyage en France	13. Project: My Trip to France
	14. Interrogation 2: Un voyage en France	14. Quiz 2: A Trip to France
	15. Interrogation alternative - Version A : Un voyage en France*	15. Alternate Quiz - Form A: A Trip to France*
	16. Interrogation alternative - Version B : Un voyage en France*	16. Alternate Quiz - Form B: A Trip to France*
	17. Dossier spécial*	17. Special Project*
	18. Révision	18. Review
	19. Contrôle : Les vacances	19. Test : Vacation
	20. Contrôle alternatif - Version A : Les vacances*	20. Alternate Test – Form A: Vacation*
	21. Contrôle alternatif - Version B : Les vacances*	21. Alternate Test – Form B : Vacation*
	22. Glossaire et références	22. Glossary and Credits

French I	Unit 12: Révision et Contrôle Semestriel	
	Assignments	
	1. Révision	1. Review
	2. Contrôle semestriel	2. Exam
	3. Contrôle semestriel - Version A*	3. Alternate Exam—Form A*
	4. Contrôle semestriel - Version B*	4. Alternate Exam—Form B*

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French II

French II is a high school foreign language course that builds on and reviews skills and concepts taught in *French I* through further exposure to communication, cultures, connections, comparisons, and communities.
Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, writing, and cultural competency.

Upon completion of the course, students should be able to do the following:

- Use basic French in everyday situations in oral and written communication.
- Use French vocabulary at the level appropriate to living in francophone countries.
- Demonstrate knowledge of France and other francophone countries.
- Listen to and understand passages in French related to various themes.
- Read and understand passages in French related to presented themes.
- Compare and contrast cultural aspects of francophone countries and the United States.

This course gives students practice using the mechanics of the French language, acquaints them with the cultural differences of francophone countries, and helps them gain a keen awareness of their own culture.

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French II

Unit 1: Faisons du Shopping

Assignments	
1. Course Overview	1. Course Overview
2. Les magasins en France	2. French Stores
3. Révision des verbes	3. Verb Review
4. Les produits français	4. French Products
5. Qui, quand, pourquoi ?	5. Who, When, Why?
6. Interrogation 1 : Au magasin	6. Quiz 1: At the Store
7. Interrogation alternative - Version A : Au magasin*	7. Quiz 1 alternate- Form A: At the Store*
8. Interrogation alternative - Version B : Au magasin*	8. Quiz 1 alternate- Form B: At the Store*
9. Au marché français	9. At the French Market
10. Les adjectifs démonstratifs	10. Demonstrative Adjectives
11. Quelle est la différence ?	11. What's the Difference?
12. Les marchés dans le monde francophone	12. Markets in the Francophone World
13. Interrogation 2 : Au marché	13. Quiz 2: At the Market
14. Interrogation alternative - Version A : Au marché*	14. Quiz 2 Alternate- Form A: At the Market*
15. Interrogation alternative - Version B : Au marché*	15. Quiz 2 Alternate- Form B: At the Market*
16. Combien ? Les expressions de quantité	16. How Much? How Many? Expressions of Quantity
17. Combien cela coute–t–il ?	17. How Much Does It Cost?
18. Les pronoms objets directs	18. Direct-Object Pronouns
19. Interrogation 3 : Faire du shopping	19. Quiz 3:Going Shopping
20. Interrogation alternative - Version A : Faire du shopping*	20. Quiz 3 alternate- Form A: Going Shopping*
21. Interrogation alternative - Version B : Faire du shopping*	21. Quiz 3 alternate- Form B: Going Shopping*
22. Dossier: Écrire un dialogue	22. Project: Write a Dialogue
23. Dossier spécial*	23. Special Project*
24. Révision	24. Review
25. Contrôle : Faisons du shopping	25. Test: Let's Go Shopping
26. Contrôle alternatif - Version A : Faisons du shopping*	26. Alternate Test – Form A: Let's Go Shopping*
27. Contrôle alternatif - Version B : Faisons du shopping*	27. Alternate Test – Form B: Let's Go Shopping*
28. Glossaire et références	28. Glossary and Credits

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French II

Unit 2: Au Travail	
Assignments	
1. Les métiers de la santé	1. Health Care Professions
2. Les professions artistiques	2. Professions in the Arts
3. Les professions artisanales	3. Trades
4. Les professions qui aident les gens	4. Helping Professions
5. Interrogation 1 : Les professions	5. Quiz 1 : Jobs
6. Interrogation alternative – Version A : Les professions*	6. Alternate Quiz – Form A : Jobs*
7. Interrogation alternative – Version B : Les professions*	7. Alternate Quiz – Form B : Jobs*
8. Les qualités personnelles	8. Character Traits
9. Dossier : Mon emploi idéal	9. Project : My Ideal Job
10. Les emplois des étudiants	10. Student Jobs
11. Jeune fille au pair	11. Young 'Au Pair' Girl
12. Interrogation 2 : Le travail des jeunes	12. Quiz 2 : Jobs for Young People
13. Interrogation alternative – Version A : Le travail des jeunes*	13. Alternate Quiz – Form A : Jobs for Young People*
14. Interrogation alternative – Version B : Le travail des jeunes*	14. Alternate Quiz – Form B : Jobs for Young People*
15. Poser sa candidature	15. Applying for a Job
16. Préparer un entretien d'embauche	16. Preparing for a Job Interview
17. Oui, monsieur !	17. Yes, Sir!
18. Le travail au Sénégal	18. Working in Senegal
19. Interrogation 3 : L'entretien d'embauche et le travail	19. Quiz 3 : Job Interviews and Work
20. Interrogation alternative – Version A : L'entretien d'embauche et le travail*	20. Alternate Quiz – Form A : Job Interviews and Work*
21. Interrogation alternative – Version B : L'entretien d'embauche et le travail*	21. Alternate Quiz – Form B : Job Interviews and Work*
22. Dossier spécial*	22. Special Project*
23. Révision	23. Review
24. Contrôle : Au travail	24. Test : At Work
25. Contrôle alternatif – Version A : Au travail*	25. Alternate Test – Form A: At Work*
26. Contrôle alternatif – Version B : Au travail*	26. Alternate Test - Form B: At Work*
27. Glossaire et références	27. Glossary and Credits

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FRENCH II

Unit 3: Au Cinéma

Assignments

1.	Le cinéma français	1.	French Cinema
2.	Quel film va-t-on voir ?	2.	Which Movie Are We Going to See?
3.	Où allons-nous ?	3.	Where Are We Going?
4.	Allons au cinéma	4.	Let's Go to the Movies
5.	Interrogation 1 : Allons au cinéma	5.	Quiz 1: Let's Go to the Movies
6.	Interrogation alternative - Version A : Allons au cinéma*	6.	Alternate Quiz - Form A: Let's Go to the Movies*
7.	Interrogation alternative - Version B : Allons au cinéma*	7.	Alternate Quiz - Form B: Let's Go to the Movies*
8.	Il n'y a plus de places	8.	It's All Sold Out
9.	Comment est le film ?	9.	How's the Movie?
10.	Dossier : Les Césars du cinéma	10.	Project: The Caesar Movie Awards
11.	Interrogation 2 : Le cinéma	11.	Quiz 2: The Movies
12.	Interrogation alternative - Version A : Le cinéma*	12.	Alternate Quiz 2 - Form A: The Movies*
13.	Interrogation alternative - Version B : Le cinéma*	13.	Alternate Quiz 2 - Form B: The Movies*
14.	Festival de Cannes	14.	Cannes Film Festival
15.	Une entrevue avec une vedette	15.	An Interview with a Movie Star
16.	Dossier : Que nous apprennent les films sur la culture ?	16.	Project: What Do Movies Teach Us about Culture?
17.	Dossier : Une histoire, deux cultures	17.	Project: One Story, Two Cultures
18.	Interrogation 3 : La culture et le cinéma	18.	Quiz 3: Culture and Film
19.	Interrogation alternative - Version A : La culture et le cinéma*	19.	Alternate Quiz - Form A: Culture and Film*
20.	Interrogation alternative - Version B : La culture et le cinéma*	20.	Alternate Quiz - Form B: Culture and Film*
21.	Dossier spécial*	21.	Special Project*
22.	Révision	22.	Review
23.	Contrôle : Au cinéma	23.	Test: At the Movies
24.	Contrôle alternatif - Version A : Au cinéma*	24.	Alternate Test - Form A: At the Movies*
25.	Contrôle alternatif - Version B : Au cinéma*	25.	Alternate Test - Form B: At the Movies*
26.	Glossaire et références	26.	Glossary and Credits

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French II

Unit 4: En Ville et à la Campagne	
Assignments	
1. Les domiciles	1. Homes
2. Les tâches ménagères	2. Housework
3. En ville	3. In the City
4. Les pièces de l'appartement	4. Rooms in the Apartment
5. Dossier : Une maison de rêve	5. Project: A Dream House
6. Interrogation 1 : La ville	6. Quiz 1: The City
7. Interrogation alternative - Version A : La ville*	7. Alternate Quiz - Form A: The City*
8. Interrogation alternative - Version B : La ville*	8. Alternate Quiz - Form B: The City*
9. Le passé composé avec être	9. The Passé Composé Tense with Être
10. En train	10. On the Train
11. Interrogation 2 : Les transports	11. Quiz 2 : Transportation
12. Interrogation alternative - Version A : Les transports*	12. Alternate Quiz - Form A: Transportation*
13. Interrogation alternative - Version B : Les transports*	13. Alternate Quiz - Form B: Transportation*
14. La Provence en train	14. Provence by Train
15. Les maisons en Provence	15. Houses in Provence
16. Dossier: Les villes et les villages de France	16. Project: Cities and Villages of France
17. Une journée en Provence	17. A Day in Provence
18. Dossier : Mon journal de voyage	18. Project: My Travel Journal
19. Interrogation 3 : La campagne	19. Quiz 3: The Countryside
20. Interrogation alternative - Version A : La campagne*	20. Alternate Quiz - Form A: The Countryside*
21. Interrogation alternative - Version B : La campagne*	21. Alternate Quiz - Form B: The Countryside*
22. Dossier spécial*	22. Special Project
23. Révision	23. Review
24. Contrôle : En ville et à la campagne	24. Test: In the City and in the Country
25. Contrôle alternatif - Version A : En ville et à la campagne*	25. Alternate Test – Form A: In the City and in the Country*
26. Contrôle alternatif - Version B : En ville et à la campagne*	26. Alternate Test – Form B: In the City and in the Country*
27. Glossaire et références	27. Glossary and Credits

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French II	Unit 5: La Santé	
	Assignments	
	1. La France et la nutrition	1. France and Nutrition
	2. Un régime équilibré	2. A Balanced Diet
	3. La nutrition dans le monde francophone	3. Nutrition in the Francophone World
	4. L'activité physique	4. Physical Activity
	5. Dossier : Le journal de mes habitudes	5. Project: My Daily Routine Journal
	6. Interrogation 1 : La nutrition	6. Quiz 1: Nutrition
	7. Interrogation alternative - Version A : La nutrition*	7. Alternate Quiz - Form A: Nutrition*
	8. Interrogation alternative - Version B : La nutrition*	8. Alternate Quiz - Form B: Nutrition*
	9. Les habitudes quotidiennes	9. Daily Routines
	10. Comment t'es-tu occupé?	10. How Did You Keep Busy?
	11. Les habitudes d'un jeune	11. A Teen's Typical Routine
	12. Interrogation 2 : Les habitudes	12. Quiz 2: Routines
	13. Interrogation alternative - Version A : Les habitudes*	13. Alternate Quiz - Form A: Routines*
	14. Interrogation alternative - Version B : Les habitudes*	14. Alternate Quiz - Form B: Routines*
	15. Les symptômes d'une maladie	15. Symptoms of an Illness
	16. Chez le médecin	16. At the Doctor's Office
	17. Interrogation 3 : La maladie et le corps	17. Quiz 3: Illnesses and the Body
	18. Interrogation alternative - Version A : La maladie et le corps*	18. Alternate Quiz - Form A: Illnesses and the Body*
	19. Interrogation alternative - Version B : La maladie et le corps*	19. Alternate Quiz – Form B: Illnesses and the Body*
	20. Dossier spécial*	20. Special Project*
	21. Révision	21. Review
	22. Contrôle : La santé	22. Test: Health
	23. Contrôle alternatif - Version A : La santé*	23. Alternate Test – Form A: Health*
	24. Contrôle alternatif - Version B : La santé*	24. Alternate Test – Form B: Health*
	25. Glossaire et références	25. Glossary and Credits

French II	Unit 6: Révision et Contrôle Semestriel	
	Assignments	
	1. Révision	1. Review
	2. Contrôle	2. Exam
	3. Contrôle alternatif – Version A*	3. Alternate Exam – Form A*
	4. Contrôle alternatif – Version B*	4. Alternate Exam – Form B*

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French II

Unit 7: Les Vacances D'hiver	
Assignments	
1. Où allez-vous ?	1. Where Are You Going ?
2. A l'aéroport	2. At the Airport
3. Les annonces à l'aéroport	3. Announcements at the Airport
4. Interrogation 1 : Partir en vacances d'hiver	4. Quiz 1 : Leaving for Winter Vacation
5. Interrogation alternative – Version A : Partir en vacances d'hiver*	5. Alternate Quiz – Form A : Leaving for Winter Vacation*
6. Interrogation alternative – Version B : Partir en vacances d'hiver*	6. Alternate Quiz – Form B : Leaving for Winter Vacation*
7. Une capsule mémorielle	7. A Time Capsule
8. Il faisait froid au Québec	8. It Was Cold in Quebec
9. Comment étaient tes vacances ?	9. How Was Your Vacation?
10. Dossier :L'hôtel de glace	10. Project : The Ice Hotel
11. Interrogation 2 : Raconter ses vacances	11. Quiz 2 : Telling About Your Vacation
12. Interrogation alternative – Version A : Raconter ses vacances*	12. Alternate Quiz – Form A : Telling About Your Vacation*
13. Interrogation alternative – Version B : Raconter ses vacances*	13. Alternate Quiz – Form B : Telling About Your Vacation*
14. Le passe composé et l'imparfait	14. The Past Tenses
15. Les fêtes culturelles	15. Cultural Celebrations
16. Dossier : Journal de voyage : le mardi gras	16. Project : Travel Journal: Mardi Gras
17. Interrogation 3 : Les vacances d'hiver	17. Quiz 3 : Winter Vacation
18. Interrogation alternative – Version A :Les vacances d'hiver*	18. Alternate Quiz – Form A : Winter Vacation*
19. Interrogation alternative – Version B : Les vacances d'hiver*	19. Alternate Quiz – Form B : Winter Vacation*
20. Dossier spécial*	20. Special Project*
21. Révision	21. Review
22. Contrôle : Les vacances d'hiver	22. Test: Winter Vacation
23. Contrôle alternatif – Version A : Les vacances d'hiver*	23. Alternate Test – Form A: Winter Vacation*
24. Contrôle alternatif – Version B : Les vacances d'hiver*	24. Alternate Test – Form B: Winter Vacation*
25. Glossaire et références	25. Glossary and Credits

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French II

Unit 8: La Mode	
Assignments	
1. S'habiller selon la météo	1. Dressing for the Weather
2. Un magazine de mode	2. A Fashion Magazine
3. Dans la boutique de prêt-à-porter	3. In the Clothing Store
4. Choisir des vêtements dans une boutique	4. Choosing Clothing in a Boutique
5. Dossier : Un événement spécial	5. Project: A Special Event
6. Interrogation 1 : S'habiller	6. Quiz 1 : Getting Dressed
7. Interrogation alternative – Version A : S'habiller*	7. Alternate Quiz – Form A : Getting Dressed*
8. Interrogation alternative – Version B : S'habiller*	8. Alternate Quiz – Form B : Getting Dressed*
9. La haute couture	9. Haute Couture Fashion
10. La mode au début du vingtième siècle	10. Fashion at the Beginning of the Twentieth Century
11. Interrogation 2 : La haute couture et l'histoire de la mode	11. Quiz 2 : High Fashion and the History of Fashion
12. Interrogation alternative – Version A : La haute couture et l'histoire de la mode*	12. Alternate Quiz – Form A : High Fashion and the History of Fashion*
13. Interrogation alternative – Version B : La haute couture et l'histoire de la mode*	13. Alternate Quiz – Form B : High Fashion and the History of Fashion*
14. La mode du vingtième siècle	14. Twentieth Century Fashion
15. La mode africaine	15. African Fashion
16. Dossier : Un défilé de mode	16. Project : A Fashion Show
17. Interrogation 3 : La mode actuelle	17. Quiz 3 : Current Fashion
18. Interrogation alternative – Version A : La mode actuelle*	18. Alternate Quiz – Form A : Current Fashion*
19. Interrogation alternative – Version B : La mode actuelle*	19. Alternate Quiz – Form B : Current Fashion*
20. Dossier spécial*	20. Special Project*
21. Révision	21. Review
22. Contrôle : La mode	22. Test: Fashion
23. Contrôle alternatif – Version A : La mode*	23. Alternate Test – Form A: Fashion*
24. Contrôle alternatif – Version B : La mode*	24. Alternate Test – Form B: Fashion*
25. Glossaire et références	25. Glossary and Credits

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French II	Unit 9: Au Musée D'art	
	Assignments	
	1. Les beaux-arts	1. The Fine Arts
	2. Les mouvements artistiques en France	2. Art Movements in France
	3. L'histoire à travers l'art	3. History in Art
	4. La statue de la liberté	4. The Statue of Liberty
	5. Interrogation 1 : L'art	5. Quiz 1: Art
	6. Interrogation alternative - Version A : L'art*	6. Alternate Quiz - Form A: Art*
	7. Interrogation alternative - Version B : L'art*	7. Alternate Quiz - Form B: Art*
	8. Le musée du Louvre	8. The Louvre Museum
	9. Un vol au musée	9. A Robbery at the Museum
	10. Plus d'expressions négatives	10. More Negative Expressions
	11. Dossier : On a volé la Joconde	11. Project: Mona Lisa Stolen
	12. Dossier : Un article dans le journal	12. Project: A Newspaper Article
	13. Les impressionnistes	13. The Impressionists
	14. Les descriptions	14. Descriptions
	15. Interrogation 2 : Au musée	15. Quiz 2: At the Museum
	16. Interrogation alternative - Version A : Au musée*	16. Alternate Quiz - Form A: At the Museum*
	17. Interrogation alternative - Version B : Au musée*	17. Alternate Quiz - Form B: At the Museum*
	18. Dossier spécial*	18. Special Project*
	19. Révision	19. Review
	20. Contrôle : Au musée d'art	20. Test: At the Art Museum
	21. Contrôle alternatif - Version A : Au musée d'art*	21. Alternate Test – Form A: At the Art Museum*
	22. Contrôle alternatif - Version B : Au musée d'art*	22. Alternate Test – Form B: At the Art Museum*
	23. Glossaire et références	23. Glossary and Credits

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French II

Unit 10: À la Plage	
Assignments	
1. Les iles tropicales francophones	1. Francophone Tropical Islands
2. Réserver un hôtel	2. Reserving a Hotel
3. Les activités à faire pendant les vacances	3. Things to Do on Vacation
4. Dossier : Comparer les hôtels	4. Project : Hotel Comparison
5. Interrogation 1 : Les hôtels	5. Quiz 1 : Hotels
6. Interrogation alternative – Version A : Les hôtels*	6. Alternate Quiz – Form A : Hotels*
7. Interrogation alternative – Version B : Les hôtels*	7. Alternate Quiz – Form B : Hotels*
8. Le pronom y	8. The Pronoun Y
9. Comment y allez-vous ?	9. How Do You Get There?
10. Interrogation 2 : Les modes de transport	10. Quiz 2 : Modes of Transportation
11. Interrogation alternative – Version A : Les modes de transport*	11. Alternate Quiz – Form A : Modes of Transportation*
12. Interrogation alternative – Version B : Les modes de transport*	12. Alternate Quiz – Form B : Modes of Transportation*
13. La cuisine guadeloupéenne	13. Guadeloupean Food
14. Le pronom en	14. The Pronoun En
15. Dossier : Des cartes postales	15. Project : Postcards
16. Interrogation 3 : La cuisine guadelopéenne	16. Quiz 3 : Guadeloupean Cooking
17. Interrogation alternative – Version A : La cuisine guadelopéenne*	17. Alternate Quiz – Form A : Guadeloupean Cooking*
18. Interrogation alternative – Version B : La cuisine guadelopéenne*	18. Alternate Quiz – Form B : Guadeloupean Cooking*
19. Dossier spécial*	19. Special Project*
20. Révision	20. Review
21. Contrôle : À la plage	21. Test: At the Beach
22. Contrôle alternatif – Version A : À la plage*	22. Alternate Test – Form A: At the Beach*
23. Contrôle alternatif – Version B : À la plage*	23. Alternate Test – Form B: At the Beach*
24. Glossaire et références	24. Glossary and Credits

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French II

Unit 11: Les Rites de Passage			
Assignments			
1.	Les rites de passage	1.	Rites of Passage
2.	L'enfance	2.	Childhood
3.	Les évènements de l'adolescence	3.	Events in Adolescence
4.	Le permis de conduire en Europe	4.	Driver's License in Europe
5.	Interrogation 1 : Les souvenirs	5.	Quiz 1: Memories
6.	Interrogation alternative - Version A : Les souvenirs*	6.	Alternate Quiz - Form A: Memories*
7.	Interrogation alternative - Version B : Les souvenirs*	7.	Alternate Quiz - Form B: Memories*
8.	Les verbes réguliers au futur simple	8.	The Simple Future Tense of Regular Verbs
9.	Les verbes irréguliers au futur simple	9.	The Simple Future Tense of Irregular Verbs
10.	Dossier : Mes projets d'avenir	10.	Project: My Plans for the Future
11.	Interrogation 2 : L'avenir	11.	Quiz 2: The Future
12.	Interrogation alternative - Version A : L'avenir*	12.	Alternate Quiz - Form A: The Future*
13.	Interrogation alternative - Version B : L'avenir*	13.	Alternate Quiz - Form B: The Future*
14.	Le mariage en France	14.	Weddings in France
15.	Le mariage aux pays francophones	15.	Weddings in Francophone Countries
16.	Un mariage royal	16.	A Royal Wedding
17.	Dossier : Les rites de passage dans quelques pays francophones	17.	Project: Rites of Passage in Some Francophone Countries
18.	Interrogation 3 : Le mariage	18.	Quiz 3: Marriage
19.	Interrogation alternative - Version A : Le mariage*	19.	Alternate Quiz - Form A: Marriage*
20.	Interrogation alternative - Version B : Le mariage*	20.	Alternate Quiz - Form B: Marriage*
21.	Dossier spécial*	21.	Special Project*
22.	Révision	22.	Review
23.	Contrôle : Les rites de passage	23.	Test: Rites of Passage
24.	Contrôle alternatif - Version A : Les rites de passage*	24.	Alternate Test – Form A: Rites of Passage*
25.	Contrôle alternatif - Version B : Les rites de passage*	25.	Alternate Test – Form B: Rites of Passage*
26.	Glossaire et références	26.	Glossary and Credits

French II

Unit 12: Révision et Contrôle Semestriel			
Assignments			
1.	Révision	1.	Review
2.	Contrôle	2.	Exam
3.	Contrôle alternatif - Version A*	3.	Alternate Exam—Form A*
4.	Contrôle alternatif - Version B*	4.	Alternate Exam—Form B*

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General Science III

General Science III is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on General Science I and II courses. Some of the areas covered in General Science III include the structure of matter, atomic nuclei and radioactivity, geology, oceanography, astronomy, microbiology, medicine, and science today and in the future.

Students at this level should show development in their ability and understanding of scientific inquiry. Some of the units contain experiments and projects that seek to develop meaning for the student and to engage the student actively. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Describe the atomic structure of different elements.
- Calculate and measure volume, mass, and density for different objects.
- Identify different types of geological changes.
- Discuss how the layers of the earth's crust can show history.
- Describe the different parts of the ocean, both living and non-living.
- Explain the differences in the stars and constellations.
- Distinguish between bacterial infections, viral infections, and other types of infections.
- Develop a plan to prevent and treat common diseases through proper health.
- Demonstrate an understanding of the resources of the earth and what is needed to conserve those resources.

General Science III	Unit 1: Our Atomic World		
	Assignments		
	1. Course Overview	9. Essay: Reactors	
	2. Structure of Matter	10. Quiz 4: Nuclear Energy	
	3. Quiz 1: Structure of Matter	11. Applications and Environmental Hazards	
	4. Radioactivity	12. Quiz 5	
	5. Quiz 2: Radioactivity	13. Special Project*	
	6. Atomic Nuclei	14. Test	
	7. Quiz 3: Atomic Nuclei	15. Alternate Test*	
	8. Nuclear Energy	16. Reference	

General Science III	Unit 2: Volume, Mass, and Density	
	Assignments	
	1. Volume	7. Density
	2. Experiment: Determining Volume	8. Quiz 3: Density
	3. Quiz 1: Volume	9. Special Project*
	4. Mass	10. Test
	5. Experiment: Mass of Gas	11. Alternate Test*
	6. Quiz 2: Mass	12. Reference

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General Science III

Unit 3: Physical Geology

Assignments

1. Earth Structures
2. Internal Structures
3. Igneous Structures
4. Essay: Volcanic Eruptions
5. Mountains
6. Quiz 1: Earth Structures
7. Earth Changes
8. Erosion and Sediment
9. Oceans
10. Quiz 2: Earth Changes
11. Earth Movements
12. Experiment: Specific Gravity
13. Experiment: Gravity
14. Plate Tectonics
15. Quiz 3: Earth Movements
16. Special Project*
17. Test
18. Alternate Test*
19. Reference

General Science III

Unit 4: Historical Geology

Assignments

1. An Observational Science
2. Sedimentary Rock
3. Fossils
4. Crustal Changes
5. Quiz 1: An Observational Science
6. Measuring Time
7. Absolute Time
8. Quiz 2: Measuring Time
9. Special Project*
10. Test
11. Alternate Test*
12. Reference

General Science III

Unit 5: Oceanography

Assignments

1. Chronology and Techniques for Investigation
2. Major Discoveries and Submersible Research
3. Essay: The Moon and Tides
4. Quiz 1: The History of Oceanography
5. Geological Structure and Results of Profiling
6. Turbidity, Sedimentation, and Currents
7. Quiz 2: Geology of the Ocean
8. Biology of the Ocean
9. Chemistry of the Ocean
10. Physical Properties of the Ocean
11. Essay: Marine Report
12. Quiz 3: Biological, Physical, and Chemical Properties
13. Special Project*
14. Test
15. Alternate Test*
16. Reference

General Science III

Unit 6: Astronomy

Assignments

1. Presuppositions
2. Extent of the Universe
3. Constellations
4. Measuring the Universe
5. Quiz 1: The Universe
6. Gathering Light and Types of Telescopes
7. Other Types of Telescopes
8. Essay: Telescopes
9. Quiz 2: Telescopes and Optics
10. Space Explorations
11. Quiz 3: Space Explorations
12. Special Project*
13. Test
14. Alternate Test*
15. Reference

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General Science III

Unit 7: Body Health (Part 1)

Assignments

1. Microorganisms
2. Categories of Pathogenic Organisms
3. Characteristics of Infectious Diseases
4. Essay: Medical Science
5. Quiz 1: Microorganisms
6. Digestive Infections
7. Respiratory Infections
8. Nervous System Infections
9. Quiz 2: Bacterial Infections
10. Common Viral Infections
11. Childhood Viral Infections
12. More Serious Viral Infections
13. Quiz 3: Viral Infections
14. Protozoan Infections
15. Rickettsial Infections
16. Fungal Infections
17. Quiz 4: Protozoan, Rickettsial, and Fungal Infections
18. Special Project*
19. Test
20. Alternate Test*
21. Reference

General Science III

Unit 8: Body Health (Part 2)

Assignments

1. Body Defense Mechanisms
2. Medical Drugs
3. Essay: Chemotherapy
4. Quiz 1: Disease Treatment
5. Environmental Conditions
6. Medical Advances and Total Health
7. Quiz 2: Disease Prevention
8. Governmental Agencies and Volunteer Groups
9. Medical and Drug Control Organizations
10. Quiz 3: Community Agencies
11. Special Project*
12. Test
13. Alternate Test*
14. Reference

General Science III

Unit 9: Science and Tomorrow

Assignments

1. Ecology
2. Agriculture and Waste
3. Population
4. Quiz 1: People and Their Land
5. Energy Sources
6. Debate: Fossil Fuels, Nuclear/Natural Power
7. Industry, Transportation, and Urbanization
8. Quiz 2: People and Their Work Environment
9. Outer Space
10. Inner Space and Self Exploration
11. Quiz 3: People and Their New Frontiers
12. Special Project*
13. Test
14. Alternate Test*
15. Reference

General Science III

Unit 10: Review

Assignments

1. Nuclear Power
2. The Metric System
3. Quiz 1: Nuclear Power
4. Weight Versus Mass
5. Quiz 2: Weight Versus Mass
6. Deposition Versus Erosion
7. The Oceans, Continents; Earth in Space
8. Quiz 3: Deposition Versus Erosion
9. Practical Health
10. Population and Environment
11. Quiz 4: Practical Health
12. Special Project*
13. Test
14. Alternate Test*
15. Reference

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Health Quest

Health Quest is a health science elective course for upper elementary and junior high students. The curriculum introduces students to the concepts of what good health is, why good health is important, and what students should do in order to achieve good health.

Upon completion of the course, students should be able to do the following:

- Demonstrate an awareness of health as it applies to their own bodies, minds, and emotions.
- Demonstrate an awareness of health as it applies to their living environments.
- Identify the components of a healthy lifestyle and set reasonable goals to achieve a lifestyle of wellness.
- Understand that incorporating sound health practices creates a lifestyle of moderation and wellness.
- Understand the responsibility of properly stewarding the bodies God has given them as directed in the Bible.
- Describe health as it applies to broader society, the world, and their own responsibility to stimulate good health around them.

Health Quest	Unit 1: Your Body		
	Assignments		
	1. Course Overview	12. Alternate Quiz 2: Your Breathe and Blood*	
	2. The "Stuff" You're Made Of	13. Growing and Changing	
	3. Experiment: Calcium	14. Keeping your Body Clean	
	4. Quiz 1: The "Stuff" You're Made Of	15. You're Growing Up: Hello Adolescence!	
	5. Alternate Quiz 1: The "Stuff" You're Made Of *	16. You've Grown Up: Nice to Meet You, Adulthood!	
	6. Your Breathe and Blood	17. Quiz 3: Growing and Changing	
	7. Experiment: The Heart	18. Alternate Quiz 3: Growing and Changing*	
	8. Your Food Goes Where?	19. Special Project*	
	9. What's Your Nervous System?	20. Test	
	10. Chomping, Winking and Listening	21. Alternate Test*	
	11. Quiz 2: Your Breathe and Blood	22. Glossary and Credits	

Health Quest	Unit 2: Your Feelings, Emotions, and Behaviors	
	Assignments	
	1. How Are You Feeling Today?	8. I Am a Good Friend
	2. How Do I Make the Right Choice?	9. Quiz 2: Social Skill Savvy
	3. Project: Physical Play	10. Alternate Quiz 2: Social Skill Savvy*
	4. Quiz 1: Your Feelings, Emotions, and Behaviors	11. Special Project*
	5. Alternate Quiz 1: Your Feelings, Emotions and Behaviors*	12. Test
		13. Alternate Test *
	6. Social Skill Savvy	14. Glossary and Credits
	7. Me and My Family	

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Health Quest

Unit 3: Your Nutrition and Fitness

Assignments

1. You Are What You Eat!
2. What's In the Food You're Eating?
3. Project: Nutrients
4. Project: Junk Food
5. Activity: Advertisement*
6. Quiz 1: You Are What You Eat!
7. Alternate Quiz 1: You Are What You Eat!*
8. Your Healthy Eating Habits
9. My Plate
10. Project: Menu Planner
11. Quiz 2: Your Healthy Eating Habits
12. Alternate Quiz 2: Your Healthy Eating Habits*
13. Let's Go Play!
14. Experiment: Exercise
15. Fitness Fun!
16. Project: Fitness Program
17. Activity: Improvements
18. Quiz 3: Let's Go Play!
19. Alternate Quiz 3: Let's Go Play!*
20. Special Project*
21. Test
22. Alternate Test*
23. Glossary and Credits

Health Quest

Unit 4: Play it Safe!

Assignments

1. Avoiding Accidents
2. Safety in Your Home
3. Project: Fire Escape
4. Safety in Your Community
5. Project: Safety Check
6. Quiz 1: Playing it Safe!
7. Alternate Quiz 1: Playing it Safe!*
8. Emergency! Your First Aid Answers
9. Project: Heimlich Maneuver
10. Project: First Aid Kit
11. Quiz 2: Emergency! First Aid
12. Alternate Quiz 2: Emergency! First Aid*
13. Dodging Disease
14. Quiz 3: Dodging Disease
15. Alternate Quiz 3: Dodging Disease*
16. Special Project*
17. Test
18. Alternate Test*
19. Glossary and Credits

Health Quest

Unit 5: Being a Good Steward

Assignments

1. Being a Good Steward of God's Creation
2. How Can I Prevent Pollution?
3. Project: Pollutants
4. Project: Recycle
5. Project: Conserve
6. Quiz 1: Being a Good Steward of God's Creation
7. Alternate Quiz 1: Being a Good Steward of God's Creation*
8. Showing Stewardship for Yourself
9. Project: Poison Control
10. Project: Expiration Dates
11. Quiz 2: Showing Stewardship for Yourself
12. Alternate Quiz 2: Showing Stewardship for Yourself*
13. Project: Letter
14. Special Project*
15. Test
16. Alternate Test*
17. Glossary and Credits

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High School Health

High School Health is a health science elective course that introduces students to what good health is, why good health is important, and what students should do in order to achieve good health.

Upon completion of the course, students should be able to do the following:

- Demonstrate an awareness of health as it applies to their own bodies, minds, and emotions.
- Demonstrate an awareness of health as it applies to their living environments.
- Identify the components of a healthy lifestyle and set reasonable goals to achieve a lifestyle of wellness.
- Understand that incorporating sound health practices creates a lifestyle of moderation and wellness.
- Understand the responsibility of properly stewarding the bodies God has given them as directed in the Bible.
- Describe health as it applies to broader society, the world, and their own responsibility to stimulate good health around them.

High School Health	Unit 1: Body Essentials			
	Assignments			
	1.	Course Overview	11.	Growth and Development
	2.	The Head and Crown of Creation	12.	Activity: Fetal Development
	3.	Anatomy and Physiology	13.	Childhood Development
	4.	Quiz 1: Building Blocks of the Body	14.	Adolescence
	5.	Nervous System and Circulatory System	15.	Adulthood
	6.	Activity: Your Adaptive Heart	16.	Activity: Interviewing an Older Person
	7	Respiratory, Skeletal, and Muscular System	17.	Quiz 3: Stages of Development
	8.	Digestive, Excretory, Endocrine, and Integumentary System	18.	Special Project
			19.	Test
	9.	Immune, Lymphatic, and Reproductive System	20.	Alternate Test
	10.	Quiz 2: Body Systems	21.	Reference

High School Health	Unit 2: Physical Health			
	Assignments			
	1.	Benefits of Proper Nutrition	12.	Exercise and Physical Fitness
	2.	Carbohydrates	13.	Activity: Heart Rate
	3.	Vitamins	14.	Muscular Endurance and Strength
	4.	Activity: Your Favorite Foods	15.	Exercise Program
	5.	Quiz 1: Essentials of Nutrition	16.	Activity: How Fit Are You?*
	6.	Developing Proper Eating Habits	17.	Quiz 3: Exercise and Physical Fitness
	7.	Dairy Group and Protein Group	18.	Special Project*
	8.	Activity: Got Calcium?*	19.	Test
	9.	Food, God's Tasty Gift	20.	Alternate Test*
	10.	Healthy Eating Habits	21.	Reference
	11.	Quiz 2: Eating the Right Foods		

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High School Health

Unit 3: Social and Mental Health

Assignments

1. Aspects of Health
2. Love
3. Activity: Examine Yourself
4. Mental and Emotional Health
5. Quiz 1: Mental, Social, and Emotional Health
6. Social Health
7. Friends
8. Speaking in Love
9. Quiz 2: Social Interaction
10. Personal Hygiene
11. Teeth, Mouth, Eyes, and Ears
12. Activity: Hygiene Habits
13. Quiz 3: Personal Hygiene
14. Special Project*
15. Test
16. Alternate Test*
17. Reference

High School Health

Unit 4: Preventative Health Care and First Aid

Assignments

1. Safety
2. Home Safety
3. Home Safety II
4. Home Safety III
5. Activity: Home Safety
6. Quiz 1: Home Safety
7. Safety Guidelines
8. Personal Safety
9. Activity: Moving Violations
10. Water Safety
11. Weather Safety
12. Quiz 2: Personal Safety and the Environment
13. First Aid
14. Activity: First Aid Kit
15. Evaluating the Scene
16. Wounds and Bleeding
17. Burns and Other Emergencies
18. Activity: Making a Splint
19. Hypothermia and Frostbite
20. Quiz 3: First Aid
21. Special Project*
22. Test
23. Alternate Test*
24. Reference

High School Health

Unit 5: Responsible Living

Assignments

1. Disease and Prevention
2. Childhood Immunizations
3. Activity: Your Shots
4. Non-Infectious Diseases
5. Activity: Major Diseases
6. Health Care
7. Activity: Visit the Sick
8. Quiz 1: Diseases and Health Care
9. Drug Use and Abuse
10. Drug Use and Abuse 2
11. Alcohol
12. Activity: Interview on Alcohol Use
13. Tobacco
14. Activity: Smoking, A Wise Choice?
15. Quiz 2: Substance Abuse
16. Health and the Environment
17. Activity: Mother Earth
18. Water Essentials
19. Sexually Transmitted Diseases
20. Quiz 3: Health, Pollution, and the Environment
21. Special Project*
22. Test
23. Alternate Test*
24. Reference

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Introduction to Computer Science

Computers are an integral part of many of our lives and help us to accomplish many different tasks. Computer science careers are one of the fastest growing careers in the world and certainly in the United States. Educating students about careers in computer science is beneficial to both students our global marketplace. In this course students will see and experience much of what computer scientists do. They will start programming in the first unit and continue throughout the course. They will also explore the hardware and software that make computers work. Projects are assigned throughout the course that allow students to not only write programs, but to design networks, plan a mobile app for a smartphone, analyze big data, and more. Students who complete the course will know how to address accessibility issues to make the Internet accessible to all, how to help protect themselves from security threats, make informed decisions based on ethical and legal issues, and learn skills to use when working with a diverse team. Not only will students explore the wide spectrum of computer science careers, but they will also survey the history of computers and explore emerging technologies and issues.

- **Unit 1: Computer Science Then and Now:** Computers have had an enormous impact on social, ethical, economic, and cultural issues. Students will examine how computers developed and technologies that are just now being developed. Telehealth is changing how doctors deliver care. Virtual and augmented reality allow people to experience adventures and training without leaving home. Students will also gain a working knowledge of a computer and begin programming in Python, which is a free, open-source Integrated Design Environment. Flowcharts and pseudocode are used to plan how to solve a problem. Students will also investigate five computer science fields to help them begin thinking about career paths.

- **Unit 2: Hardware and Software:** Have you thought about how computers communicate? Computers communicated in ones and zeros, so all information has to be translated to binary. Then the signal has to be transmitted through a network. Students will explore how the World Wide Web began and how networks are organized. They will also investigate the software that makes computers useful and the ways information is stored.

- **Unit 3: Computational Thinking:** A high-level program such as Python allows students to write code that is very readable. Variables are used to store numbers, text, and other data types. Students will write programs that ask for user input, process the response, and display the result. They will make decisions that allow the response to fit the data provided. As programs become more complex, the importance of planning rises. Students will plan, implement, and test programs. They will also examine difficulties faced by those with mental and physical challenges and identify solutions.

- **Unit 4: Control Structures and Data Types:** Programs can be made more efficient in several ways. Programming languages use loops to perform repetitive tasks. Functions enable programmers to reuse code in many applications. Large amounts of data can be organized into collections, such as lists, tuples, and dictionaries. Students will create their own user-defined data type. Every programmer makes mistakes and users often make mistakes when entering data. Error handling provide a built-in mechanism of dealing with user errors and preventing programs from crashing.

- **Unit 5: Classes, Analyzing Data, and Arrays:** Object-oriented programming (OOP) increases efficiency and protects code contained in the object. OOP is the computer version of reduce-reuse-recycle. Classes and libraries enable programmers to use the work already done by themselves or other programmers. The math, random, and other libraries are used. In this unit students will also explore real-world data and write a guessing game program.

- **Unit 6: Semester Review and Exam:** Students will prepare for and take the semester exam.

- **Unit 7: Programming Algorithms:** Up to this point, once a program was finished the information was not saved. In this unit the student will be able to save the output of a program in files. Being able to read from and write to files allow you to analyze vast quantities of real-world data. Another aspect of real-world programming is gathering and responding to customer feedback. Students will use string formatting and

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color choices to make a program's output more readable for greater accessibility. Programming is not an end in itself. Students will investigate how algorithms are used in different disciplines and examine how other programming languages are used.

- **Unit 8: Design and Development:** The Software Development Life Cycle (SDLC) models the stages of software development: planning, design, coding, testing, release, and maintenance. Students will design, code, and test applications such as web pages, a guessing game that uses the random library, and learn the best practices for working alone and with a team. They examined a variety of development tools such as those used to create mobile apps and how VPython can model physical phenomena. They will also consider how versioning is used during the maintenance phase.

- **Unit 9: Laws and Security:** Laws are critical to those who use and work with computers. Intellectual property laws protect writers, programmers, artists, and other creators of original work. Cybersecurity issues demand tradeoffs between safety and usability. The damage done by hackers and the cost of security measures have a huge economic impact. Students will write a program to evaluate the strength of a password and conduct independent research into legal and security issues.

- **Unit 10: Ethics:** Ethics are even more important than legal issues. What is legal is not always ethical. Students will explore bias and equity, ethics, and online etiquette. They will identify sources of bias for the physically and mentally challenged and strategies for addressing that bias. In some countries, the government controls the information available on the Internet, a form of information censorship. Economic conditions can limit access to the Internet. Diversity is addressed by examining how cultural differences affect members of a team.

- **Unit 11: Applications:** This unit explores a variety of ways computers are used and ways students can find a career in the field. The unit begins with learning more about web design, two styles of programming, and how music and video are represented on a computer. Students will write a program to create art. In the project, students will design a mobile app, get feedback from others, and improve their design. They will also implement a game that uses artificial intelligence. The unit ends with workplace topics: being the kind of worker others want to work beside, being safe in the workplace, providing customer service, and exploring the preparation needed for a computer science career.

- **Unit12: Semester Review and Exam:** Students will prepare for and take the semester exam.

- **Unit 13: Final Review and Exam:** Students will prepare for and take the final exam.

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Introduction to Computer Science

Unit 1: Computer Science Then and Now

Assignments

1. Course Overview
2. The Big Picture
3. Where are We Going?
4. Where Did it Get Started?
6. Computer Terminology
8. Program Execution
9. Quiz 2: Computer Terminology and Python Installation
10. Do You Have a Plan?
11. Project: Make a Plan
12. How Computers Have Changed Your World
13. Computer Scientists
14. Quiz 3: Planning and Changes
15. Five Computer Science Fields
16. Scalability
17. Career Spotlight: Ada Lovelace
18. Quiz 4: Scalability and Computer Scientists
19. Review: Computer Science Then and Now
20. Test: Computer Science Then and Now
21. Glossary and Credits

Introduction to Computer Science

Unit 2: Hardware and Software

Assignments

1. Binary World
2. How Do We Communicate?
3. Quiz 1: Bits and Communication
4. The WWW
6. Computer Networking Basics
8. Network Protocol
9. Quiz 2: Networks
10. Transmitting Data
11. Local Versus Wide Area
12. Operational Systems
13. Quiz 3: Network Types and Operating Systems
14. Software
15. File Types and Storing Programs
16. Choosing Hardware and Software
17. Project: Network Design
18. Career Spotlight: Grace Murray Hopper
19. Quiz 4: File Types. Hardware, and Software
20. Review: Hardware and software
21. Test: Hardware and software
22. Glossary and Credits

Introduction to Computer Science

Unit 3: Computational Thinking

Assignments

1. Abstracts
2. Data Types
3. Manipulating Data Types
4. Quiz 1: Data Types and Operations
6. Variables and Numerical Operations
8. Input and Output
9. Making Decisions
10. Quiz 2: Input, Output, and Making Decisions
11. Accessibility
12. Manipulating Strings
13. Quiz 3: Accessibility and Strings
14. Design Specifications
15. Computational Models
16. Math and Computer Science Connections
17. Project: Programming a Math Algorithm
18. Career Spotlight: Bill Gates
19. Quiz 4: Design and Computational Models
20. Review: Computational Thinking
21. Test: Computational Thinking
22. Glossary and Credits

Introduction to Computer Science

Unit 4: Control Structures and Data Types

Assignments

1. For Loops
2. While Loops
3. Nested Loops
4. Quiz 1: Loops and Functions
6. Using Functions
8. Scope and Parameters
9. Lists
10. Quiz 2: Scope and Lists
11. Collections
12. Tuples
13. Dictionaries
14. Quiz 3: Tuples and Dictionaries
15. User-Defined Data Types
16. Finding and Handling Errors
17. Project: Math Tutor Program with Error Handling
18. Career Spotlight: Donald Knuth
19. Quiz 4: User-Defined Data Types and Error Handling
20. Review: Control Structures and Data Types
21. Test: Control Structures and Data Types
22. Glossary and Credits

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Introduction to Computer Science

Unit 5: Classes, Analyzing Data, and Arrays

Assignments

1. Classes
2. Class Structure
3. Implementing Object-Oriented Programming
4. Quiz 1: Classes
6. The Python Standard Library
8. Math Functions
9. Searching
10. Quiz 2: Functions and Searching
11. Sorting
12. Arrays
13. Multidimensional Arrays
14. Quiz 3: Sorting and Arrays
15. Analyzing Data
16. Project: Big Data Research Project
17. Guessing Game
18. Career Spotlight: Alvy Ray Smith
19. Quiz 4: Analyzing Data and Games
20. Review: Classes, Analyzing Data, and Arrays
21. Test: Classes, Analyzing Data, and Arrays
22. Glossary and Credits

ICS

Unit 6: Semester 1 Review and Exam

Assignments

1. Semester 1 Review: Introduction to Computer Science
2. Semester 1 Exam: Introduction to Computer Science

Introduction to Computer Science

Unit 7: Programming Algorithms

Assignments

1. Reading a File
2. Writing to a File
3. Searching Complex Data
4. Project: Big Data Programming
6. Quiz 1: Reading, Writing, and Searching a File
8. Analyzing Images
9. Evaluating Your Program
10. Using Events
11. Quiz 2: Analyzing Images and Program Evaluation
12. Customer Relations
13. Refining Your Program
14. Programming Across Disciplines
15. Quiz 3: Events and Customers
16. Other Languages
17. String Formatting
18. Career Spotlight: George Lucas
19. Quiz 4: Language and String Formatting
20. Review: Programming Algorithms
21. Test: Programming Algorithms
22. Glossary and Credits

Introduction to Computer Science

Unit 8: Design and Development

Assignments

1. The Software Development Process
2. Using the Internet
3. Can Anything Be Random?
4. Quiz 1: Software Development, the Internet, and Randomness
6. Create a Game
8. Managing a Team
9. Best Practices
10. Quiz 2: Designing a Game and Teams
11. Multiple Computing Platforms
12. The License Police
13. Visual Python
14. Quiz 3: Platforms and Licensing
15. VPython Applications
16. Global Connections
17. Project: Design and Development
18. Career Spotlight: Steve Sfartz
19. Quiz 4: VPython and Global Connections
20. Review: Design and Development
21. Test: Design and Development
22. Glossary and Credits

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Introduction to Computer Science

Unit 9: Laws and Security

Assignments

1. Intellectual Property Law
2. Privacy Concerns
3. Malware
4. Quiz 1: Intellectual Property, Privacy, and Malware
6. Cybersecurity Measures
8. Media Reliability Concerns
9. Impact of Cybercrime
10. Quiz 2: Cybersecurity and Media Reliability
11. Workplace Crime
12. Hackers and Unauthorized Access
13. Solutions to Security Issues
14. Quiz 3: Workplace Crime and Hackers
15. Write Password Evaluator
16. How “Useless” Math Research Made the Internet Safer
17. Project: Research Project
18. Career Spotlight: Peter Norton
19. Quiz 4: Security Solutions
20. Review: Laws and Security
21. Test: Laws and Security
22. Glossary and Credits

Introduction to Computer Science

Unit 10: Ethics

Assignments

1. Digital Citizenship
2. Bias and Equity
3. Ethics
4. Quiz 1: Digital Citizenship, Bias, Equity, and Ethics
6. Social Networking Issues
8. Digital Etiquette
9. Global Information Concerns
10. Quiz 2: Social Issues and Global Concerns
11. Collaboration Ethics
12. Information Censorship
13. Emerging Ethical Issus
14. Quiz 3: Collaboration Ethics and Information Censorship
15. Cultural Differences in a Team
16. Project: Programming as a Team
17. Online Education Issues
18. Career Spotlight: Cheiko Asakawa
19. Quiz 4: Emerging Ethical Issues
20. Review: Ethics
21. Test: Ethics
22. Glossary and Credits

Introduction to Computer Science

Unit 11: Applications

Assignments

1. Web Programming
2. Block Programming
3. Pair Programming
4. Quiz 1: Programming Methods
6. Music and Video Files
8. Python Art
9. Application and Program Interfaces
10. Quiz 2: Media and APIs
11. Can You Beat the Computer?
12. Mobile Applications
13. Project: Create a Mobile App
14. Would You Want to Work with You?
15. Quiz 3: Mobile Apps and Work Readiness
16. Should You Work Here?
17. Project: You Are Tech Support
18. Career Organizations
19. Career Spotlight: Preparing for a Computer Science Career
20. Quiz 4: Careers
21. Review: Applications
22. Test: Applications
23. Glossary and Credits

ICS

Unit 12: Semester 2 Review and Exam

Assignments

1. Semester 2 Review: Introduction to Computer Science
2. Semester 2 Exam: Introduction to Computer Science

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ICS	Unit 13: Final Exam
	Assignments
	1. Course Review: Introduction to Computer Science 2. Final Exam: Introduction to Computer Science

(*) Indicates alternative assignment

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Music Appreciation

The goal of this semester-long course is to provide instruction in basic musical elements, trace the development and growth of classical music, and give students a strong foundation for a greater appreciation of music. Students will examine music in the world around them and discover how they experience music. They'll be introduced to the basic elements and sounds of music and instruments. Students will learn the names and backgrounds of several famous musical composers. Students will also learn how and where classical music began, how it developed over the centuries, and the ways in which music and culture affect each other. Lastly, students will examine the ways modern music has been influenced by classical music.

This course also provides students with lessons in engaged listening. These special lessons allow students to listen and respond to music. A template for how to listen and respond is provided.

- **Discovering Music:** Students will learn the basics of listening to, responding to, and participating in music, including completing independent projects that utilize engaged listening skills; students will also understand music from other cultures.

- **Music Fundamentals:** Students will understand the fundamentals of music, including key concepts such as rhythm, melody, harmony, form, expression, and the types and categories of musical instruments.

- **Beginnings of Music:** Students will examine early music history, spanning from medieval times to the Baroque era, and complete focused research and writing projects on the topic.

- **Developing Music:** Students will explore a variety of classical and romantic music, continuing to participate in independent engaged listening projects to continue advancement of key skills.

- **Modern Music:** Students will focus on music of the twentieth-century, including popular, Broadway, and film music, culminating in project requiring students to attend and critique a classical concert in their community.

- **Course Review and Exam:** Students will complete a full review of key course concepts, and demonstrate their mastery through a final examination.

Music Appreciation

Unit 1: Discovering Music

Assignments

1.	Course Overview	13.	Ethnic Music
2.	Appreciating Music	14.	Project: Find Your Musical Heritage
3.	Listening to Music	15.	Project: Engaged Listening
4.	Responding to Music	16.	Quiz 2: Music in Society
5.	Participating in Music	17.	Alternate Quiz 2 - Form A: Music in Society*
6.	Project: Music Response	18.	Alternate Quiz 2 - Form B: Music in Society*
7.	Quiz 1: The Music Experience	19.	Special Project*
8.	Alternate Quiz 1 - Form A: The Music Experience*	20.	Review
9.	Alternate Quiz 1 - Form B: The Music Experience*	21.	Test
10.	Why Study Classical Music?	22.	Alternate Test - Form A*
11.	Music in Other Cultures	23.	Alternate Test - Form B*
12.	Folk Music	24.	Glossary and Credits

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Music Appreciation

Unit 2: Music Fundamentals

Assignments

1. Rhythm
2. Melody
3. Harmony
4. Form
5. Expression
6. Project: Engaged Listening
7. Project: Music Response
8. Quiz 1: Understanding Music
9. Alternate Quiz 1 - Form A: Understanding Music*
10. Alternate Quiz 1 - Form B: Understanding Music*
11. Wind Instruments
12. Stringed Instruments & Beyond
13. Musical Ensembles
14. Project: Engaged Listening
15. Project: Creative Instrumentation
16. Quiz 2: Making Music
17. Alternate Quiz 2 - Form A: Making Music*
18. Alternate Quiz 2 - Form B: Making Music*
19. Special Project*
20. Review
21. Test
22. Alternate Test - Form A*
23. Alternate Test - Form B*
24. Glossary and Credits

Music Appreciation

Unit 3: Beginnings of Music

Assignments

1. Life in Medieval Times
2. Music of the Medieval Era
3. Renaissance Life
4. Music of the Renaissance
5. Project: Engaged Listening
6. Project: Renaissance Moods
7. Quiz 1: Medieval and Renaissance Eras
8. Alternate Quiz 1 - Form A: Medieval and Renaissance Eras*
9. Alternate Quiz 1 - Form B: Medieval and Renaissance Eras*
10. Life during Baroque Times
11. Baroque Musical Style
12. Baroque Forms and Genres
13. The Birth of Opera
14. Baroque Composers
15. Project: Engaged Listening
16. Project: Patron of the Arts
17. Quiz 2: The Baroque Era (1600-1750)
18. Alternate Quiz 2 - Form A: The Baroque Era (1600-1750)*
19. Alternate Quiz 2 - Form B: The Baroque Era (1600-1750)*
20. Special Project*
21. Review
22. Test
23. Alternate Test - Form A*
24. Alternate Test - Form B*
25. Glossary and Credits

Music Appreciation

Unit 4: Developing Music

Assignments

1. Life in the Classical Period
2. Classical Music
3. Classical Forms and Genres
4. Leading Classical Composers
5. Project: Engaged Listening
6. Project: Composer Under Suspicion
7. Quiz 1: The Classical Era (1750-1820)
8. Alternate Quiz 1 - Form A: The Classical Era (1750-1820)*
9. Alternate Quiz 1 - Form B: The Classical Era (1750-1820)*
10. Life in the Romantic Age
11. Romantic Musical
12. Romantic Genres & Form
13. Nationalism
14. Project: Engaged Listening
15. Project: Art
16. Quiz 2: The Romantic Era (1820-1900)
17. Alternate Quiz 2 - Form A: The Romantic Era (1820-1900)*
18. Alternate Quiz 2 - Form B: The Romantic Era (1820-1900)*
19. Special Project*
20. Review
21. Test
22. Alternate Test - Form A*
23. Alternate Test - Form B*
24. Glossary and Credits

Music Appreciation

Unit 5: Modern Music

Assignments

1. Life and Music in the Twentieth Century
2. Twentieth-Century Musical Style
13. Project: Engaged Listening
14. Project: Concert Experience

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3. Modernism
4. Beyond 1950
5. Project: Engaged Listening
6. Project: Serialism
7. Quiz 1: Twentieth Century Trends (1900-2000)
8. Alternate Quiz 1 - Form A: Twentieth Century Trends (1900-2000)*
9. Alternate Quiz 1 - Form B: Twentieth Century Trends (1900-2000)*
10. The Good Ol' USA
11. Popular Music
12. Broadway and Film Music
15. Quiz 2: Twentieth Century American Music
16. Alternate Quiz 2 - Form A: Twentieth Century American Music*
17. Alternate Quiz 2 - Form B: Twentieth Century American Music*
18. Project: Defense of a Music Era
19. Special Project*
20. Review
21. Test
22. Alternate Test - Form A*
23. Alternate Test - Form B*
24. Glossary and Credits

MA

Unit 6: Course Review and Exam

Assignments

1. Units 1-2 Review
2. Units 3-5 Review
3. Exam
4. Alternate Exam - Form A*
5. Alternate Exam - Form B*

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Music Theory

Students will explore the nature of music, integrating the key concepts of rhythm and meter, written music notation, the structure of various scale types, interval qualities, melody and harmony, the building of chords, and transposition. Throughout the series of assignments, ear training exercises are interspersed with the bones of composition technique, building in students the ability not only to hear and appreciate music, but step-by-step, to create it in written form as well. This highly interactive course culminates in the students producing original compositions, which while based on standard notation, demonstrate facets of personal expression. As the students' ability to perform increases in the future, they will better understand music and therefore better demonstrate its intrinsic communication of emotion and ideas.

- **Rhythm and Meter:** Students will build a foundational understanding of the elements of musical rhythm and meter, including the measure of different notes, time signatures, and special rhythms; additionally, students will participate in ear training exercises to build their skill in this area.

- **Notation and Pitch:** Students will identify musical symbols, intervals, and instrumentation, and will be able to use this knowledge to compose and original melody.

- **Scales and Key Signatures:** Students will examine scaled and both major and minor keys; projects include ongoing ear training exercises, the transposition of a melody to a new key, and the composition of original, non-diatonic melodies.

- **Harmony:** Students will construct an understanding of the key aspects of harmony including the various categories of intervals and triads, and participate in ongoing ear training exercises; this unit culminates in the independent composition of a simple accompaniment.

- **Making Music:** Students will actively participate in the interpretation and composition of music, utilizing their knowledge of musical elements such as rhythm, pitch, key, harmony, and expression.

- **Course Review and Exam:** Students will complete a full review of key course concepts, and demonstrate their mastery through a final examination.

Music Theory

Unit 1: Rhythm and Meter

Assignments

1. Course Overview
2. So, Why Study Music Anyway?
3. Feeling the Beat
4. The Value of a Note
5. Measuring Music
6. The Value of Silence
7. Dots and Ties
8. Ear Training #1 - Rhythm 1
9. Quiz 1: Introduction to Rhythm
10. Alternate Quiz 1 - Form A: Introduction to Rhythm*
11. Alternate Quiz 1 - Form B: Introduction to Rhythm*
12. 4/4 - The Basic Time Signature
13. Going Beyond 4/4
14. Still More Time Signatures
15. Counting a Bit Faster
16. Ear Training #2 - Rhythm 2
17. Special Rhythms
18. Creating a Rhythmic Piece
19. Quiz 2: Time Signature
20. Alternate Quiz 2 - Form A: Time Signature*
21. Alternate Quiz 2 - Form B: Time Signature*
22. Special Project*
23. Review
24. Test
25. Alternate Test - Form A*
26. Alternate Test - Form B*
27. Glossary and Credits

Music Theory

Unit 2: Notation and Pitch

Assignments

1. The Printed Page
2. The Musical Alphabet
3. Altering Pitches
4. Ear Training #3: Pitch
5. Direction and Signs
16. Alternate Quiz 2 - Form B: The Sound of Music*
17. Voicings
18. Instrumentation
19. Instrumentation 2
20. Ear Training #5: Identifying Instruments

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6. Quiz 1: The Look of Music
7. Alternate Quiz 1 - Form A: The Look of Music*
8. Alternate Quiz 1 - Form B: The Look of Music*
9. Musical Intervals
10. Writing Musical Intervals
11. Ear Training #4: Intervals
12. From Interval to Melody
13. Project: Composing a Simple Melody
14. Quiz 2: The Sound of Music
15. Alternate Quiz 2 - Form A: The Sound of Music*
21. Quiz 3: The Source of Music
22. Alternate Quiz 3 - Form A: The Source of Music*
23. Alternate Quiz 3 - Form B: The Source of Music*
24. Special Project*
25. Review
26. Test
27. Alternate Test - Form A*
28. Alternate Test - Form B*
29. Glossary and Credits

Music Theory

Unit 3: Scales and Key Signatures

Assignments

1. Introduction to the Scale
2. The Minor Scale
3. Other Scales
4. Ear Training #6: Scales
5. Project: Composing Non-Diatonic Melodies
6. Quiz 1: Musical Scales
7. Alternate Quiz 1 - Form A: Musical Scales*
8. Alternate Quiz 1 - Form B: Musical Scales*
9. Employing Scales as Keys
10. Identifying Major Keys
11. Identifying Minor Keys
12. Comparing Major and Minor Keys
13. Changing Keys
14. Project: Transposing Melodies
15. Quiz 2: Musical Key Signatures
16. Alternate Quiz 2 - Form A: Musical Key Signatures*
17. Alternate Quiz 2 - Form B: Musical Key Signatures*
18. Special Project*
19. Review
20. Test
21. Alternate Test - Form A*
22. Alternate Test - Form B*
23. Glossary and Credits

Music Theory

Unit 4: Harmony

Assignments

1. Interval Quality
2. Ear Training #7: Major or Minor?
3. Perfect Intervals
4. Ear Training #8: Major, Minor, or Perfect?
5. Augmented and Diminished Intervals
6. Ear Training #9: Harmony or Dissonance?
7. Quiz 1: Beginning to Harmonize
8. Alternate Quiz 1 - Form A: Beginning to Harmonize*
9. Alternate Quiz 1 - Form B: Beginning to Harmonize*
10. Building Triads
11. Comparing Triads
12. Inverting Triads
13. Ear Training #10: Hearing Triads
14. Using Triads and Chords
15. Project: Creating a Simple Accompaniment
16. Quiz 2: Working with Chords
17. Alternate Quiz 2 - Form A: Working with Chords*
18. Alternate Quiz 2 - Form B: Working with Chords*
19. Special Project*
20. Review
21. Test
22. Alternate Test - Form A*
23. Alternate Test - Form B*
24. Glossary and Credits

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Music Theory

Unit 5: Making Music

Assignments

1. Musical Performance
2. Musical Performance 2
3. Ornamentation
4. Phrasing
5. Style
6. Ear Training #11: Listening for Musical Expression
7. Quiz 1: Interpreting Music
8. Alternate Quiz 1 - Form A: Interpreting Music*
9. Alternate Quiz 1 - Form B: Interpreting Music*
10. Applications of Music
11. Arranging
12. Composition Principles
13. You're the Composer
14. Original Composition
15. Quiz 2: Finding Your Voice
16. Alternate Quiz 2 - Form A: Finding Your Voice*
17. Alternate Quiz 2 - Form B: Finding Your Voice*
18. Special Project*
19. Review
20. Test
21. Alternate Test - Form A*
22. Alternate Test - Form B*
23. Glossary and Credits

Music Theory

Unit 6: Course Review and Exam

Assignments

1. Review
2. Exam
4. Alternate Exam - Form A*
5. Alternate Exam - Form B*

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Personal Financial Literacy

Personal Financial Literacy is a semester-length elective designed to help high school students prepare for success in making financial decisions throughout their lives.

Topics in the course address the advantages of making sound financial decisions in both the short and long term, income planning, money management, saving and investing, and consumer rights and responsibilities.

Upon completion of Personal Financial Literacy, students should possess the knowledge and skills needed to do the following:

- Find and evaluate financial information from a variety of sources when making personal financial decisions.
- Understand the role of income, taxes, and research in developing and planning a career path.
- Develop systems for managing money (including saving and investing) tied to personal financial goals.
- Recognize and understand a consumer's rights and responsibilities in a complex world market.

Personal Financial Literacy

Unit 1: Financial Responsibility and Decision Making

Assignments

1. Course Overview
2. Introduction to Financial Literacy
3. Self-Assessment
4. Taking Responsibility
5. Quiz 1: Overview of Financial Literacy
6. Alternate Quiz 1 - Form A: Overview of Financial Literacy*
7. Alternate Quiz 1 - Form B: Overview of Financial Literacy*
8. Finding and Evaluating Financial Information
9. Project: Reliable Financial Information
10. Quiz 2: Financial Information
11. Alternate Quiz 2 - Form A: Financial Information*
12. Alternate Quiz 2 - Form B: Financial Information*
13. Personal Financial Goals
14. Decision-Making Process
15. Project: Making Decisions
16. Quiz 3: Decision Making
17. Alternate Quiz 3 - Form A: Decision Making*
18. Alternate Quiz 3 - Form B: Decision Making*
19. Special Project*
20. Review
21. Test
22. Alternate Test - Form A*
23. Alternate Test - Form B*
24. Glossary and Credits

Personal Financial Literacy

Unit 2: Careers and Income

Assignments

1. Exploring Career Options
2. Starting a Business
3. Project: Self-Reflection
4. Career Path
5. Project: Reaching My Career Goals
6. Quiz 1: Careers
7. Alternate Quiz 1 - Form A: Careers*
8. Alternate Quiz 1 - Form B: Careers*
9. Sources of Income
10. My Paycheck
11. Taxes
12. Project: Tax Forms
13. Quiz 2: Income and Taxes
14. Alternate Quiz 2 - Form A: Income and Taxes*
15. Alternate Quiz 2 - Form B: Income and Taxes*
16. Special Project*
17. Review
18. Test
19. Alternate Test - Form A*
20. Alternate Test - Form B*
21. Glossary and Credits

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Personal Financial Literacy

Unit 3: Money Management

Assignments

1. Overview of a Budget
2. Project: Spending Diary
3. Spending
4. Money Management Tools
5. Project: Create a Budget
6. Quiz 1: Budget
7. Alternate Quiz 1 - Form A: Budget*
8. Alternate Quiz 1 - Form B: Budget*
9. Financial Institutions
10. Project: Selecting a Bank
11. Services, Tools, and Resources
12. Checking Account
13. Project: Choosing a Checking Account
14. Project: Checkbook
15. Online Banking
16. Quiz 2: Financial Institutions and Services
17. Alternate Quiz 2 - Form A: Financial Institutions and Services*
18. Alternate Quiz 2 - Form B: Financial Institutions and Services*
19. Financial Risks
20. Project: Manage the Risks
21. Quiz 3: Risks
22. Alternate Quiz 3 - Form A: Risks*
23. Alternate Quiz 3 - Form B: Risks*
24. Special Project*
25. Review
26. Test
27. Alternate Test - Form A*
28. Alternate Test - Form B*
29. Glossary and Credits

Personal Financial Literacy

Unit 4: Saving and Investing

Assignments

1. It Pays to Save
2. Savings Account
3. Special Savings Accounts
4. Project: Where Should I Save?
5. Quiz 1: Saving
6. Alternate Quiz 1 - Form A: Saving*
7. Alternate Quiz 1 - Form B: Saving*
8. Overview of Investing
9. Stocks
10. Project: Tracking Stock
11. Financial Planning
12. Project: Portfolio
13. Quiz 2: Investing
14. Alternate Quiz 2 - Form A: Investing*
15. Alternate Quiz 2 - Form B: Investing*
16. Special Project*
17. Review
18. Test
19. Alternate Test - Form A*
20. Alternate Test - Form B*
21. Glossary and Credits

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Personal Financial Literacy

Unit 5: Credit, Debt, and Consumer Skills

Assignments

1. Debt and Stewardship
2. Credit Cards
3. Project: Selecting a Credit Card
4. Creditworthy
5. Credit Problems
6. Quiz 1: Credit
7. Alternate Quiz 1 - Form A: Credit*
8. Alternate Quiz 1 - Form B: Credit*
9. Overview of Loans
10. Mortgages
11. Other Loans
12. Project: Making a Large Purchase
13. Rent or Buy
14. Quiz 2: Loans
15. Alternate Quiz 2 - Form A: Loans*
16. Alternate Quiz 2 - Form B: Loans*
17. Consumer Rights
18. Consumer Purchases
19. Project: Smart Consumer
20. Quiz 3: Consumers
21. Alternate Quiz 3 - Form A: Consumers*
22. Alternate Quiz 3 - Form B: Consumers*
23. Special Project*
24. Review
25. Test
26. Alternate Test - Form A*
27. Alternate Test - Form B*
28. Glossary and Credits

PFL

Unit 6: Course Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam - Form A*
4. Alternate Exam - Form B*

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Physical Education

Physical Education is a semester-long elective designed for high school students. The course focuses on performance of individual and team sports, with explanations of proper technique, rules of the game, and preparation. Team sports introduced include soccer, basketball, football, baseball, and volleyball. An introduction to fitness, strength, endurance, and nutrition is also included.

Students will have the opportunity to perform each sport on their own time, while keeping a log of activity. The goal is incorporation of activity into their daily lives and the gain of lifelong healthy fitness habits.

Throughout the course, students may be asked to answer questions or to reflect on what they've read in their notes. The notes are not graded. Rather, they are a way for students to extend their thinking about the lesson content. Students may keep handwritten or typed notes.

Upon completion of Physical Education, students should possess the knowledge and skills needed to do the following:

- Define physical fitness and describe the components of being physically fit
- Evaluate their fitness level
- Apply physical fitness, nutrition-related, and weight-management skills to their lives
- Understand and apply safe exercise rules
- Describe the history and rules of sports such as basketball, baseball, football, soccer, volleyball, and gymnastics
- Describe and apply skills needed for a variety of sports

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Physical Education

Unit 1: Physical Education

Assignments

1. Course Overview
2. Defining Physical Fitness
3. Principles of Training
4. Project: Principles of Training
5. Risk Factors and Behaviors
6. Project: Risk Factors and Behaviors
7. Balance and Flexibility
8. How the Heart Works
9. Project: How the Heart Works
10. Muscular Strength and Endurance
11. Evaluating Your Fitness Level
12. Nutrition
13. Project: Nutrition
14. Weight Management
15. Responsible Choices
16. Project: Responsible Choices
17. Handling Your Stress
18. Exercise Safety
19. Soccer
20. Project: Soccer
21. Basketball Overview
22. Project: Basketball Overview
23. Understanding Football
24. Project: Understanding Football
25. Modern Baseball
26. Project: Modern Baseball
27. Baseball History
28. Project: Baseball History
29. Volleyball
30. Project: Volleyball
31. Title IX and Gender Issues in Sports
32. Project: Title IX and Gender Issues in Sports
33. Olympics
34. Project: Olympics
35. Controversy in the Olympic Games
36. Project: Controversy in the Olympic Games
37. Golf
38. Project: Golf
39. Tennis
40. Swimming
41. Project: Swimming
42. Gymnastics
43. Running
44. Project: Running
45. Racewalking
46. Careers in Sports
47. Project: Careers in Sports
48. Test
49. Glossary and Credits

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Physical Fitness

Physical Fitness is a semester-length elective designed for high school students. The course focuses on the health benefits of regular physical activity and of a long term exercise program.

As students work through the course, they will learn about the many aspects of physical fitness, including basic nutrition, the importance of flexibility, cardiovascular health, muscle and strength training, and realistic goal setting. Along the way, students will be required to maintain and submit an activity log in order to measure progress in course exercises, as well as in personal fitness goals.

Upon completion of Physical Fitness, students should possess the knowledge and skills needed to do the following:

- Analyze the key components of successful physical activity and use this analysis to determine if a program is reasonable and effective.
- Describe the three main types of physical activity that should be included in a exercise regime and the health benefits of each.
- Perform basic fitness exercises associated with the three main types of physical activity discussed in this course.
- Identify the main motivational strategies that can be used to help the student continue in positive fitness habits once this course is completed.

Physical Fitness	Unit 1: An Overview of Fitness	
	Assignments	
	1. Course Overview	13. What is Nutrition?
	2. What is Physical Fitness?	14. Weight Control
	3. Why Should I Exercise?	15. Putting the Pieces Together
	4. Quiz 1: Physical Fitness and Exercise	16. Project: Food Analysis
	5. Alternate Quiz 1-Form A: Physical Fitness and Exercise*	17. Quiz 3: Basic Nutrition
	6. Alternate Quiz 1-Form B: Physical Fitness and Exercise*	18. Alternate Quiz 3-Form A: Basic Nutrition*
	7. Physical Benefits	19. Alternate Quiz 3-Form B: Basic Nutrition*
	8. Mental and Emotional Benefits	20. Special Project*
	9. Longevity	21. Review
	10. Quiz 2: Benefits of Exercise	22. Test
	11. Alternate Quiz 2-Form A: Benefits of Exercise*	23. Alternate Test-Form A*
	12. Alternate Quiz 2-Form B: Benefits of Exercise*	24. Alternate Test-Form B*
		25. Glossary and Credits

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Physical Fitness

Unit 2: Flexibility Training

Assignments

1. Daily Activity versus Planned Exercise
2. Project: Using the Activity Log
3. Warm-ups and Cool-Downs
4. Quiz 1: Planning Daily Exercise
5. Alternate Quiz 1-Form A: Planning Daily Exercise*
6. Alternate Quiz 1-Form B: Planning Daily Exercise*
7. Is Stretching Exercise?
8. Physical Benefits of Stretching
9. Project: Test your Flexibility
10. Quiz 2: Stretching
11. Alternate Quiz 2-Form A: Stretching*
12. Alternate Quiz 2-Form B: Stretching*
13. Correct Motion and Breathing
14. Project: Upper Body Flexibility Exercises
15. Project: Lower Body Flexibility Exercises
16. Project: Whole Body Flexibility Exercises
17. Unit 2 Activity Log
18. Special Project*
19. Review
20. Test
21. Alternate Test-Form A*
22. Alternate Test-Form B*
23. Glossary and Credits

Physical Fitness

Unit 3: Cardiovascular Fitness

Assignments

1. What Defines Cardiovascular Exercise?
2. Benefits of Cardiovascular Training
3. Project: Test Your Cardiovascular Fitness Level
4. Quiz 1: Cardiovascular Training
5. Alternate Quiz 1-Form A: Cardiovascular Training*
6. Alternate Quiz 1-Form B: Cardiovascular Training*
7. Intensity Versus Duration
8. Project: Walking Drills
9. Project: Wind Sprints
10. Quiz 2: Intensity Versus Duration
11. Alternate Quiz 2-Form A: Intensity Versus Duration*
12. Alternate Quiz 2-Form B: Intensity Versus Duration*
13. Cardiovascular Exercise and Weight Control
14. Project: Low Impact Calorie Burning
15. Project: High Intensity Calorie Burning
16. Quiz 3: Cardiovascular Exercise and Weight Control
17. Alternate Quiz 3-Form A: Cardiovascular Exercise and Weight Control*
18. Alternate Quiz 3-Form B: Cardiovascular Exercise and Weight Control*
19. Unit 3 Activity Log
20. Special Project*
21. Review
22. Test
23. Alternate Test-Form A*
24. Alternate Test-Form B*
25. Glossary and Credits

Physical Fitness

Unit 4: Resistance Training

Assignments

1. What is Strength Training?
2. How is Muscular Strength Developed?
3. Project: Test Your Muscular Strength and Endurance
4. Quiz 1: Resistance Training
5. Alternate Quiz 1-Form A: Resistance Training*
6. Alternate Quiz 1-Form B: Resistance Training*
7. A Combination of Resistance and Repetitions
8. Project: Isolating the Upper Body
9. Project: Isolating the Lower Body
10. Project: Developing Your Core
11. Project: Graded Resistance Exercise Performance
12. Strength Training and Weight Control
13. Quiz 2: The Resistance Training Workout
14. Alternate Quiz 2-Form A: The Resistance Training Workout*
15. Alternate Quiz 2-Form B: The Resistance Training Workout*
16. Unit 4 Activity Log
17. Special Project*
18. Review
19. Test
20. Alternate Test-Form A*
21. Alternate Test-Form B*
22. Glossary and Credits

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Physical Fitness

Unit 5: Motivation and Mindset

Assignments

1. Developing a Realistic Mindset and Goals
2. Adapting the Program Over Time
3. Project: Flexibility and Cardiovascular Exercise Workout
4. Quiz 1: Motivation and Mindset
5. Alternate Quiz 1-Form A: Motivation and Mindset*
6. Alternate Quiz 1-Form B: Motivation and Mindset*
7. Overuse injuries
8. Breaks and Plateaus
9. Project: A Cardiovascular Exercise Workout
10. Quiz 2: Dealing with Setbacks
11. Alternate Quiz 2-Form A: Dealing with Setbacks*
12. Alternate Quiz 2-Form B: Dealing with Setbacks*
13. Understanding Discouragement and Motivation
14. Success Strategies
15. Project: Try a Strategy for Success
16. Project: A Resistance Training and Flexibility Workout
17. Quiz 3: Staying Motivated
18. Alternate Quiz 3-Form A: Staying Motivated*
19. Alternate Quiz 3-Form B: Staying Motivated*
20. Unit 5 Activity Log
21. Special Project*
22. Review
23. Test
24. Alternate Test-Form A*
25. Alternate Test-Form B*
26. Glossary and Credits

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Unit 6: Course Review and Exam

Assignments

1. Review
2. Exam
3. Alternate Exam-Form A*
4. Alternate Exam-Form B*

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Probability and Statistics A

Semester A of Probability of Statistics is designed to give 11th- and 12th-grade students an overview of basic concepts of statistics, with an emphasis on descriptive statistics. The semester begins with the key concepts of data, samples, and populations. Students will create visual representations of data sets, such as histograms and bar graphs. Students will describe the central tendency and spread of data for a data set. Students will look for patterns in a data set and determine models based on those patterns.

Each of the five units includes twelve lessons and one project. Each lesson has a minimum of thirteen formative assessment questions to enable students and their teacher to gauge student understanding. Summative assessments include three quizzes in each unit, a test for each unit, and a semester exam covering all five units. Each project uses concepts covered in the unit.

- Unit 1: Describe the types of statistics, types of data, types of studies, and sampling methods.
- Unit 2: Create visual representations of data sets using dot plots, stem-and-leaf displays, scatter plots, and find the model that best represents the data.
- Unit 3: Describe the central tendency of a data set using various measures.
- Unit 4: Describe the dispersion of a data set using both numerical measures and visual representations.
- Unit 5: Apply concepts learned in this lesson to a variety of real world applications.

Probability and Statistics A	Unit 1: INTRODUCTION TO STATISTICS	
	Assignments	
	1. Course Overview	13. Alternate Quiz: Recognizing Bias*
	2. Types of Statistics	14. Observational Studies
	3. Types of Data	15. Experiments
	4. Discrete and Continuous Data	16. Stratified Random Samples
	5. Sample and Population	17. Interpreting Results
	6. Quiz: Data	18. Project: The Challenge to Be Random
	7. Alternate Quiz: Data*	19. Quiz: Types of Studies
	8. Collecting Data	20. Alternate Quiz: Types of Studies*
	9. Sampling Bias	21. Unit Review
	10. Simple Random Samples	22. Test: Introduction to Statistics
	11. Surveys	23. Alternate Test: Introduction to Statistics*
	12. Quiz: Recognizing Bias	

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Probability and Statistics A

Unit 2: PRESENTING DATA

Assignments

1. Simple Plots
2. Histograms and Bar Graphs
3. Central Tendency and Spread
4. Scatter Plots
5. Quiz: Displays
6. Alternate Quiz: Displays*
7. Graphical Line of Best Fit
8. Slope of a Line
9. Finding the Equation of a Line of Best Fit
10. Interpreting the Line of Best Fit
11. Quiz: Line of Best Fit
12. Alternate Quiz: Line of Best Fit*
13. Using Technology to Determine a Line of Best Fit
14. Nonlinear Relationships
15. Transforming Linear Functions by Vertical Change
16. Transforming Linear Functions by Changing the Slope
17. Project: Line of Best Fit
18. Quiz: Best Fit Functions
19. Alternate Quiz: Best Fit Functions*
20. Unit Review
21. Test: Presenting Data
22. Alternate Test: Presenting Data*
23. Glossary and Credits

Probability and Statistics A

Unit 3: MEASURES OF CENTRAL TENDENCY

Assignments

1. The Mean
2. The Median
3. The Mode
4. Sample and Population Mean
5. Quiz: Mean, Median, and Mode
6. Alternate Quiz: Mean, Median, and Mode*
7. Comparing Measures of Central Tendency
8. Frequency Tables and the Mode
9. Grouped Frequency Tables and the Modal Class
10. Frequency Tables and the Median
11. Quiz: Frequency Tables
12. Alternate Quiz: Frequency Tables*
13. Frequency Tables and the Mean
14. The Midrange
15. Cumulative Frequency
16. Cumulative Frequency Graphs
17. Project: Data Collection
18. Quiz: Using Frequency
19. Alternate Quiz: Using Frequency*
20. Unit Review
21. Test: Measures of Central Tendency
22. Alternate Test: Measures of Central Tendency*
23. Glossary and Credits

Probability and Statistics A

Unit 4: MEASURES OF DISPERSION

Assignments

1. Range
2. Variance
3. Standard Deviation
4. Normal Distributions
5. Quiz: Dispersion
6. Alternate Quiz: Dispersion*
7. Percentile
8. Interquartile Range
9. The Five Key Points
10. Box Plots
11. Quiz: Dispersion Displays
12. Alternate Quiz: Dispersion Displays*
13. Estimating Population Dispersion
14. Irregular Data Sets
15. Sampling Distribution
16. Other Distribution Shapes
17. Project: Describing Data
18. Quiz: Distributions
19. Alternate Quiz: Distributions*
18. Unit Review
20. Test: Measures of Dispersion
21. Alternate Test: Measures of Dispersion*
22. Glossary and Credits

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Probability and Statistics A

Unit 5: APPLICATIONS

Assignments

1. Comparing Two Populations
2. Marginal and Joint Frequencies
3. Projecting to a Population
4. Categorical Data Analysis
5. Quiz: Populations
6. Alternate Quiz: Populations*
7. An Experimental Drug Study
8. Test Scores
9. Cigarettes and Lung Cancer
10. Another Look at Cigarettes and Lung Cancer
11. Quiz: Conducting Studies
12. Alternate Quiz: Conducting Studies*
13. Comparing Results for Cigarettes and Lung Cancer
14. Using Technology for Nonlinear Distributions
15. Power Functions
16. Logarithmic Relationships
17. Project: Experimental Drug Study
18. Quiz: Analyzing Data
19. Alternate Quiz: Analyzing Data*
20. Unit Review
21. Test: Applications
22. Alternate Test: Applications*
23. Glossary and Credits

Unit 6: SEMESTER REVIEW AND EXAM

Assignments

1. Semester Review
2. Semester Exam
3. Alternate Semester Exam*

(*) Indicates alternative assignment

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Psychology

Psychology is an introductory elective course for high school students. Throughout the course, students will examine influences on human actions and beliefs, factors influencing behavior and perception, and basic psychological theories. Students will develop and apply their understanding of psychology through lessons and projects that require interaction and observation of others.

- **Unit 1:** Students will be introduced to the beginnings of psychology, research methods, and ethics of the profession.
- **Unit 2:** Students will examine the biology of behavior, sensory processes, motivation, and stress.
- **Unit 3:** Students will learn about the stages of human development and personality.
- **Unit 4:** Students will discover the different methods of learning, aspects of memory, language, and levels of consciousness.
- **Unit 5:** Students will explore mental disorders and abnormal behaviors and how to treat them. They will also determine why people obey and influence other's behavior.

Psychology

Unit 1: INTRODUCTION AND METHODS

Assignments

1. Course Overview
2. Introduction to Psychology
3. Experimental Psychology and Schools of Thought
4. More About Psychological Perspectives
5. Report: Influential Psychologists
6. Psychological Fields and Careers
7. Report: Understanding More about Careers in Psychology
8. Quiz 1: Introduction to Psychology
9. Research and Methods
10. Statistics
11. Balancing Right and Wrong (Ethics)
12. Experiment: Bouba-Kiki Effect
13. Essay: What Would You Do?
14. Quiz 2: Research and Methods
15. Special Project*
16. Review
17. Test
18. Alternate Test*
19. Glossary and Credits

Psychology

Unit 2: BIOPSYCHOSOCIAL PSYCHOLOGY

Assignments

1. The Biology Behind Our Behavior
2. Sensory Processes
3. Project: Blind Spots
4. Project: Smell vs. Taste
5. Quiz 1: Biology and Sensory Processes
6. Motivation
7. Essay: What Motivates You?
8. Values and Expectations
9. Stress
10. Essay: Reflecting on Stress in Your Life
11. Quiz 2: Motivation, Emotion, Stress
12. Special Project*
13. Review
14. Test
15. Alternate Test*
16. Glossary and Credits

Psychology

Unit 3: DEVELOPMENTAL PSYCHOLOGY

Assignments

1. Lifespan Development
2. Piaget and Erikson: Theories of Development
3. Critical Periods
4. Research: Hereditary Conditions and Deformities
5. Quiz 1: Lifespan Development
9. Personality Tests
10. Essay: Character Counts
11. Quiz 2: Personality
12. Special Project*
13. Review

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	6.	What is Personality?	14.	Test
	7.	Free Will vs. Determinism	15.	Alternate Test*
	8.	Essay: Do You Have a Choice?	16.	Glossary and Credits

Psychology	Unit 4: COGNITIVE PSYCHOLOGY			
	Assignments			
	1.	What is Learning?	12.	Consciousness and Sleep
	2.	Conditioning	13.	Dreams
	3.	Observational Learning	14.	Report: Dream Analysis
	4.	Essay: Who is Your Role Model?	15.	Research: Hypnosis
	5.	Quiz 1: Learning	16.	Quiz 3: Thinking, Language, Consciousness, and Sleep
	6.	Memory		
	7.	The Brain and Memory	17.	Special Project*
	8.	Project: Serial Position Effect	18.	Review
	9.	Quiz 2: Memory	19.	Test
	10.	Thinking	20.	Alternate Test*
	11.	Language	21.	Glossary and Credits

Psychology	Unit 5: ABNORMAL AND GROUP BEHAVIOR			
	Assignments			
	1.	Abnormal Behavior	9.	Project: Conformity
	2.	Mental Disorders	10.	Essay: How Can You Use Influence for Good?
	3.	Treating Disorders	11.	Quiz 2: Group Behavior
	4.	Report: Medication	12.	Special Project*
	5.	Quiz 1: Abnormal Behavior	13.	Review
	6.	Obedience to Authority	14.	Test
	7.	Altruism	15.	Alternate Test*
	8.	Social Influence and Conformity	16.	Glossary and Credits

Psychology	Unit 6: COURSE REVIEW AND EXAM			
	Assignments			
	1.	Review	2.	Exam
	3.	Alternate Exam*		

(*) Indicates alternative assignment

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Spanish I

Spanish I is an entry level high school foreign language course that explores the Spanish language through communication, culture, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, and writing Spanish, and in cultural competency.

Upon completion of the course, students should be able to do the following:

- Use Spanish in everyday situations in a basic manner and in both oral and written communication.
- Use vocabulary necessary to function as a tourist in Spanish-speaking countries.
- Demonstrate a basic knowledge of the Spanish-speaking world.
- Listen to and understand basic passages in Spanish related to various themes.
- Read and understand basic passages in Spanish related to various themes.
- Compare and contrast cultural aspects of Hispanic countries and the United States.

Spanish I introduces students to the mechanics of the Spanish language, acquaints them with the cultural differences of Hispanic countries, and helps them gain a keen awareness of their own culture.

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Spanish I

Unit 1: Amigos en el Mundo

Assignments			
1.	Course Overview	1.	Course Overview
2.	A comenzar: Las primeras palabras	2.	Let's Start: The First Words
3.	¿Dónde se habla español en el mundo?	3.	Where in the World is Spanish Spoken?
4.	El alfabeto	4.	The Alphabet
5.	Saludos y expresiones	5.	Expressions for Greeting People
6.	Cómo saludamos en los países de habla hispana	6.	How to Greet Someone in a Spanish Speaking Country
7.	Prueba 1: El español en el mundo	7.	Quiz 1: Spanish in the World
8.	Prueba alterna - Versión A: El español en el mundo*	8.	Alternate Quiz - Form A: Spanish in the World*
9.	Prueba alterna - Versión B: El español en el mundo*	9.	Alternate Quiz - Form B: Spanish in the World*
10.	Los pronombres: Primera parte	10.	Subject Pronouns: Part One
11.	Los pronombres: Segunda parte	11.	Subject Pronouns: Part Two
12.	Los nombres y los artículos definidos	12.	Nouns and Definite Articles
13.	Los colores: Una introducción a los adjectivos	13.	Colors: An Introduction to Adjectives
14.	Practiquemos más adjetivos	14.	Let's Practice More Adjectives
15.	Prueba 2: Pronombres y géneros	15.	Quiz 2: Pronouns and Gender
16.	Prueba alterna - Versión A: Pronombres y géneros*	16.	Alternate Quiz - Form A: Pronouns and Gender*
17.	Prueba alterna - Versión B: Pronombres y géneros*	17.	Alternate Quiz - Form B: Pronouns and Gender*
18.	En clase	18.	In the Classroom
19.	Los verbos	19.	Verbs
20.	Más verbos	20.	More Verbs
21.	Prueba 3: El presente	21.	Quiz 3: Present Tense
22.	Prueba alterna - Versión A: El presente*	22.	Alternate Quiz - Form A: Present Tense*
23.	Prueba alterna - Versión B: El presente*	23.	Alternate Quiz - Form B: Present Tense*
24.	Proyecto: ¡Vamos a viajar!	24.	Project: Let's Travel!
25.	Proyecto Especial*	25.	Special Project*
26.	Repaso	26.	Review
27.	Examen	27.	Exam
28.	Examen alterno - Versión A*	28.	Alternate Exam - Form A*
29.	Examen alterno - Versión B*	29.	Alternate Exam - Form B*
30.	Glosario y créditos	30.	Glossary and Credits

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Spanish I	Unit 2: Amigos en Ee.Uu.	
	Assignments	
	1. Las oportunidades de usar el español	1. Opportunities to Use Spanish
	2. Lo que no hacemos	2. What We Don't Do
	3. Los números parte 1	3. Numbers Part 1
	4. Los números parte 2	4. Numbers Part 2
	5. ¿Qué día es hoy?	5. What Day is Today?
	6. ¿Qué hora es?	6. What Time is It?
	7. Más sobre la hora	7. More about Time
	8. Prueba 1: El horario del viaje	8. Quiz 1: The Schedule of the Trip
	9. Prueba alterna - Versión A: El horario del viaje*	9. Alternate Quiz - Form A: The Schedule of the Trip*
	10. Prueba alterna - Versión B: El horario del viaje*	10. Alternate Quiz - Form B: The Schedule of the Trip*
	11. ¿Formal o no?	11. Formal or Informal?
	12. ¿Cómo es?	12. What is He or She Like?
	13. Segunda conjugación	13. Second Conjugation
	14. Tercera conjugación	14. Third Conjugation
	15. Estructura y partes de la oración	15. Structure and Parts of the Sentence
	16. Cómo empezar una conversación. Las presentaciones	16. How to Begin a Conversation: Introductions
	17. Prueba 2: Presentaciones: Conozcamos gente	17. Quiz 2: Introductions: Let’s Get to Know People
	18. Prueba alterna - Versión A: Presentaciones: Conozcamos gente*	18. Alternate Quiz - Form A: Introductions: Let's Get to Know People*
	19. Prueba alterna - Versión B: Presentaciones: Conozcamos gente*	19. Alternate Quiz - Form B: Introductions: Let's Get to Know People*
	20. Proyecto: ¿Cómo es mi familia?	20. Project: What is My Family Like?
	21. Proyecto Especial*	21. Special Project*
	22. Repaso	22. Review
	23. Examen	23. Exam
	24. Examen alterno - Versión A*	24. Alternate Exam – Form A*
	25. Examen alterno - Versión B*	25. Alternate Exam – Form B*
	26. Glosario y créditos	26. Glossary and Credit

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Spanish I

Unit 3: Amigos en México	
Assignments	
1. ¡Ay Chihuahua! ¡Hay tantas culturas en México!	1. Wow! There are so Many Cultures in Mexico!
2. ¿En qué se diferencia mi vida de la vida en México?	2. How is My Life Different Than Life in Mexico?
3. ¡Vamos a la playa!	3. Let's Go to the Beach!
4. La tierra del jarabe tapatío	4. The Land of the Mexican Hat Dance
5. La historia de México: Un vistazo a su gente a través del arte	5. The History of Mexico: A Look at the People Through Art
6. Una historia de amor: A practicar los verbos en México D.F.	6. A Love Story: Practicing Verbs in Mexico City
7. Prueba 1: La tierra de los Aztecas	7. Quiz 1: The Land of the Aztecs
8. Prueba alterna - Versión A: La tierra de los Aztecas*	8. Alternate Quiz - Form A: The Land of the Aztecs*
9. Prueba alterna - Versión B: La tierra de los Aztecas*	9. Alternate Quiz - Form B: The Land of the Aztecs*
10. La cultura en el mercado: Una visita a Veracruz	10. Culture in the Market: A Visit to Veracruz
11. La quinceañera: Una invitación especial	11. The Sweet Fifteen Party: An Invitation
12. ¡Vamos a la corrida!: Una estancia en Campeche	12. Let's Go to the Bullfight: A Stay in Campeche
13. El mundo maya	13. The Mayan World
14. ¡Qué viva México! ¡Viva la independencia!	14. Long Live Mexico and its Independence!
15. ¡Qué padre es México! Una carta a la familia	15. Mexico is so Cool! A Letter to the Family
16. Prueba 2: La tierra de los Mayas	16. Quiz 2: The Land of the Mayas
17. Prueba alterna - Versión A: La tierra de los Mayas*	17. Alternate Quiz - Form A: The Land of the Mayas*
18. Prueba alterna - Versión B: La tierra de los Mayas*	18. Alternate Quiz - Form B: The Land of the Mayas*
19. Proyecto: Mi amigo mexicano	19. Project: My Mexican Friend
20. Proyecto Especial*	20. Special Project*
21. Repaso	21. Review
22. Examen	22. Exam
23. Examen alterno - Versión A*	23. Alternate Exam – Form A*
24. Examen alterno - Versión B*	24. Alternate Exam – Form B*
25. Glosario y créditos	25. Glossary and Credits

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Spanish I	Unit 4: Amigos en Argentina	
	Assignments	
	1. Charlie y Sophie llegan a Buenos Aires	1. Charlie and Sophie Arrive in Buenos Aires
	2. Una visita familiar: ¡Vamos a tomar el té!	2. A Family Visit: Let's Have Tea!
	3. Una súper naturaleza: Las cataratas más altas de América	3. Super Nature: The Highest Waterfalls in the Americas
	4. Bosques de Palermo: Un día en el parque	4. Bosques de Palermo: A Day at the Park
	5. Mar del Plata: ¡Vamos a pasarla re-bien en la playa!	5. Mar del Plata: We'll have a Great Time at the Beach!
	6. ¡Vamos a bailar!	6. Let's Dance!
	7. Prueba 1: La vida argentina	7. Quiz 1: Argentinean Life
	8. Prueba alterna - Versión A: La vida argentina*	8. Alternate Quiz – Form A: Argentinean Life*
	9. Prueba alterna - Versión B: La vida argentina*	9. Alternate Quiz – Form B: Argentinean Life*
	10. El valle de Lerma: una rica historia	10. The Valley of Lerma: A Rich History
	11. El Camino Inca	11. The Inca Trail
	12. La vida en las pampas de Argentina	12. Life in the Argentinean Pampas
	13. ¡A disfrutar el aire libre!: Un viaje por el oeste	13. Let's Enjoy the Outdoors: A Trip West
	14. ¡Qué frío hace en Santa Cruz!	14. It's So Cold in Santa Cruz!
	15. Una reunión familiar fantástica: Vamos a la Tierra del Fuego	15. A Fantastic Family Reunion: Let's Go to the Tierra del Fuego
	16. Prueba 2: A viajar por Argentina	16. Quiz 2: Let's Travel in Argentina
	17. Prueba alterna - Versión A: A viajar por Argentina*	17. Alternate Quiz Form – A: Let's Travel in Argentina*
	18. Prueba alterna - Versión B: A viajar por Argentina*	18. Alternate Quiz Form – B: Let's Travel in Argentina*
	19. Proyecto: Mi familia	19. Project: My Family
	20. Proyecto Especial*	20. Special Project*
	21. Repaso	21. Review
	22. Examen	22. Exam
	23. Examen alterno - Versión A*	23. Alternate Exam – Form A*
	24. Examen alterno - Versión B*	24. Alternate Exam – Form B*
	25. Glosario y créditos	25. Glossary and Credits

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Spanish I

Unit 5: Amigos en Honduras y el Salvador

Assignments	
1. Sophie y Charlie llegan a Honduras	1. Sophie and Charlie Arrive in Honduras
2. Un árbol muy útil: La Ceiba	2. A Very Useful Tree: The Ceiba
3. ¡Hace frío y llueve, pero no nieva!	3. It's Cold and It Rains, But It Doesn't Snow!
4. El mundo maya en Honduras	4. The Mayan World in Honduras
5. ¿Qué podemos comprar en Honduras?	5. What Can We Buy in Honduras?
6. Proyecto: Un pronóstico meteorológico	6. Project: A Weather Forecast
7. ¿Cuándo?, no entiendo.	7. When? I Don't Understand.
8. Proyecto: A cocinar ticucos	8. Project: Let's Make Ticucos
9. Prueba 1: Amigos en Honduras	9. Quiz 1: Friends in Honduras
10. Prueba alterna - Versión A: Amigos en Honduras*	10. Alternate Quiz – Form A: Friends in Honduras*
11. Prueba alterna - Versión B: Amigos en Honduras*	11. Alternate Quiz – Form B: Friends in Honduras*
12. Charlie y Sophie llegan a El Salvador	12. Charlie and Sophie Arrive in El Salvador
13. El clima de El Salvador	13. The Climate of El Salvador
14. Proyecto: Un mapa del tiempo	14. Project: A Weather Map
15. ¿Es Carlos sensible?	15. Is Charlie Sensitive?
16. Trabajamos todos: el café salvadoreño	16. Everybody Works: Salvadoran Coffee
17. Las artesanias, ¡qué buen trabajo!	17. Arts and Crafts, What a Great Job!
18. Proyecto: ¡A cocinar un platillo salvadoreño!	18. Project: Let's Make Salvadoran Food!
19. ¿Qué están haciendo?	19. What Are They Doing?
20. ¡No se puede decir que lo que es saludable no es delicioso!	20. It Cannot Be Said That Healthy Isn't Delicious!
21. Prueba 2: Amigos en El Salvador	21. Quiz 2: Friends in El Salvador
22. Prueba alterna - Versión A: Amigos en El Salvador*	22. Alternate Quiz – Form A: Friends in El Salvador*
23. Prueba alterna - Versión B: Amigos en El Salvador*	23. Alternate Quiz – Form B: Friends in El Salvador*
24. Proyecto: Un viaje inolvidable	24. Project: An Unforgettable Trip
25. Proyecto Especial*	25. Special Project*
26. Repaso	26. Review
27. Examen	27. Exam
28. Examen alterno - Versión A*	28. Alternate Exam – Form A*
29. Examen alterno - Versión B*	29. Alternate Exam – Form B*
30. Glosario y créditos	30. Glossary and Credits

Spanish I

Unit 6: Repaso y Examen Semestral

Assignments	
1. Repaso	1. Review
2. Examen	2. Exam
3. Examen alterno - Versión A*	3. Alternate Exam – Form A*
4. Examen alterno - Versión B*	4. Alternate Exam – Form B*

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Spanish I	Unit 7: Amigos en Puerto Rico	
	Assignments	
	1. Sophie y Charlie llegan a la capital de Puerto Rico: San Juan	1. Sophie and Charlie Arrive at the Capital of Puerto Rico: San Juan
	2. ¡Buen provecho! de Guavate!	2. Bon Appétit from Guavate!
	3. Proyecto: ¡Vamos a freir los plátanos amarillos!	3. Project: Let's Fry Some Yellow Plantains!
	4. ¡A la orden! Un dia de compras en la plaza Las Américas.	4. At Your Service! A Day of Shopping at Plaza Las Americas.
	5. Un clima tropical: El Yunque	5. Tropical Climate: El Yunque
	6. Un festival en la plaza central de Toa Baja	6. A Festival at the Town Square of Toa Baja
	7. El turismo en Piñones	7. Tourism at Piñones
	8. Prueba 1: San Juan y sus alrededores	8. Quiz 1: San Juan and the Metropolitan Area
	9. Prueba alterna - Versión A: San Juan y sus alrededores*	9. Alternate Quiz - Form A: San Juan and the Metropolitan Area*
	10. Prueba alterna - Versión B: San Juan y sus alrededores*	10. Alternate Quiz - Form B: San Juan and the Metropolitan Area*
	11. El festival nacional indigena de Jayuya	11. The National Indigenous Festival of Jayuya
	12. El paisaje de la playa por la costa de la isla	12. The Scenery of the Beach along the Coast of the Island
	13. La vida ponceña	13. Life in Ponce
	14. A parrandear por la isla	14. Let's Celebrate Christmas on the Island
	15. Proyecto: Hagámos conjuntos: Comparemos las casas	15. Project: Let's Make a Venn Diagram: Let's Compare Houses
	16. El territorio de Karst: un paraiso con cavernas	16. The Karst Territory: A Cave Paradise
	17. ¡Vamos a Vieques a acampar!	17. Let's go Camping in Vieques!
	18. Prueba 2: La vida en la isla	18. Quiz 2: Life on the Island
	19. Prueba alterna - Versión A: La vida en la isla*	19. Alternate Quiz - Form A: Life on the Island*
	20. Prueba alterna - Versión B: La vida en la isla*	20. Alternate Quiz - Form B: Life on the Island*
	21. Proyecto: ¡Hagamos un modelo de la casa perfecta!	21. Project: Let's Build a Model of Our Dream House!
	22. Proyecto Especial*	22. Special Project*
	23. Repaso	23. Review
	24. Examen	24. Exam
	25. Examen alterno - Versión A*	25. Alternate Exam – Form A*
	26. Examen alterno - Versión B*	26. Alternate Exam – Form B*
	27. Glosario y créditos	27. Glossary and Credits

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Spanish I	Unit 8: Amigos en España	
	Assignments	
	1. Carlos y Sofía llegan a Madrid, la capital de España	1. Charlie and Sophie Arrive in Madrid, the Capital of Spain
	2. Proyecto: España y mi país	2. Project: Spain and my Country
	3. ¡Otro día en Madrid!	3. Another Day in Madrid!
	4. Un día en la universidad de Salamanca	4. A Day at the University in Salamanca
	5. Carlos y Sofía llegan a la capital de España: Madrid	5. Charlie and Sophie Arrive in the Capital of Spain, Madrid
	6. La cultura catalana de España	6. Catalonian Culture in Spain
	7. Prueba 1: Los gustos	7. Quiz 1: Likes and Dislikes
	8. Prueba alterna - Versión A: Los gustos*	8. Alternate Quiz - Form A: Likes and Dislikes*
	9. Prueba alterna - Versión B: Los gustos*	9. Alternate Quiz - Form B: Likes and Dislikes*
	10. La cultura gallega en España	10. Galician Culture In Spain
	11. Proyecto: Las comidas que me gustan	11. Project: The Foods That I Like
	12. Un vistazo a España central	12. A View of Central Spain
	13. El paisaje de los moros en Andalucía	13. The Scenery of the Moors in Andalusia
	14. Escapemos a un paraiso en el Mediterráneo	14. Let's Escape To A Paradise in the Mediterranean
	15. Prueba 2: Lo que haría	15. Quiz 2: What I Would Do
	16. Prueba alterna - Versión A: Lo que haría*	16. Alternate Quiz - Form A: What I Would Do*
	17. Prueba alterna - Versión B: Lo que haría*	17. Alternate Quiz - Form B: What I Would Do*
	18. Proyecto: Mi restaurante	18. Project: My Restaurant
	19. Proyecto Especial*	19. Special Project*
	20. Repaso	20. Review
	21. Examen	21. Exam
	22. Examen alterno - Versión A*	22. Alternate Exam – Form A*
	23. Examen alterno - Versión B*	23. Alternate Exam – Form B*
	24. Glosario y créditos	24. Glossary and Credits

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Spanish I

Unit 9: Amigos en Cuba	
Assignments	
1. Carlos y Sofía llegan a La Habana	1. Charlie and Sophie Arrive in Havana
2. ¡A comer en Cuba!	2. Let's Eat in Cuba!
3. Unas aventuras cubanas	3. Some Cuban Adventures
4. Proyecto: Una muñeca de papel	4. Project: A Paper Doll
5. Prueba 1: A conocer la vida cubana	5. Quiz 1: Let's Get to Know Cuban Life
6. Prueba alterna - Versión A: A conocer la vida cubana*	6. Alternate Quiz - Form A: Let's Get to Know Cuban Life*
7. Prueba alterna - Versión B: A conocer la vida cubana*	7. Alternate Quiz - Form B: Let's Get to Know Cuban Life*
8. ¡Me duele la cabeza!	8. I Have a Headache!
9. El ritmo de África y la melodía de Europa	9. The Rhythm of Africa and the Melody of Europe
10. Proyecto: Mi raro amigo	10. Project: My Strange Friend
11. Otra isla cubana	11. Another Cuban Island
12. Prueba 2: A viajar por Cuba	12. Quiz 2: Let's Travel Through Cuba
13. Prueba alterna - Versión A: A viajar por Cuba*	13. Alternate Quiz - Form A: Let's Travel Through Cuba*
14. Prueba alterna - Versión B: A viajar por Cuba*	14. Alternate Quiz - Form B: Let's Travel Through Cuba*
15. Proyecto: Mi Álbum de recuerdos	15. Project: My Memory Album
16. Proyecto Especial*	16. Special Project*
17. Repaso	17. Review
18. Examen	18. Exam
19. Examen alterno - Versión A*	19. Alternate Exam – Form A*
20. Examen alterno - Versión B*	20. Alternate Exam – Form B*
21. Glosario y créditos	21. Glossary and Credits

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Spanish I	Unit 10: Amigos en la República Dominicana	
	Assignments	
	1. Carlos y Sofía llegan a Santo Domingo	1. Charlie and Sophie Arrive in Santo Domingo
	2. Una aventura en Puerto Plata	2. An Adventure in Puerto Plata
	3. Proyecto: ¡A conversar!	3. Project: Let's Have a Conversation!
	4. Carlos y Sofía suben a una montaña	4. Charlie and Sophie Climb a Mountain
	5. Prueba 1: A prepararse para la aventura	5. Quiz 1: Getting Ready for the Adventure
	6. Prueba alterna - Versión A: A prepararse para la Aventura*	6. Alternate Quiz - Form A: Getting Ready for the Adventure*
	7. Prueba alterna - Versión B: A prepararse para la Aventura*	7. Alternate Quiz - Form B: Getting Ready for the Adventure*
	8. Sofía descubre larimar en Santiago	8. Sophie Discovers Larimar in Santiago
	9. Carlos y Sofía conocen las ballenas de la República Dominicana	9. Charlie and Sophie Meet the Whales of the Dominican Republic
	10. Carlos y Sofía están trabajando cuando llega un desastre	10. Charlie and Sophie Are Working When a Disaster Arrives
	11. Proyecto: ¡A cocinar arroz con leche!	11. Project: Let's Make Rice Pudding!
	12. Prueba 2: ¡En busca de buenos precios!	12. Quiz 2: In Search of Good Prices!
	13. Prueba alterna - Versión A: ¡En busca de Buenos precios!*	13. Alternate Quiz Form A: In Search of Good Prices!*
	14. Prueba alterna - Versión B: ¡En busca de Buenos precios!*	14. Alternate Quiz Form B: In Search of Good Prices!*
	15. Proyecto: Mi álbum de recuerdos	15. Project: My Memory Album
	16. Proyecto Especial*	16. Special Project*
	17. Repaso	17. Review
	18. Examen	18. Exam
	19. Examen alterno - Versión A*	19. Alternate Exam – Form A*
	20. Examen alterno - Versión B*	20. Alternate Exam – Form B*
	21. Glosario y créditos	21. Glossary and Credits

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Spanish I	Unit 11: Amigos en Panamá	
	Assignments	
	1. Carlos y Sofía llegan a la capital de Panamá	1. Charlie and Sophie Arrive in the Capital of Panama
	2. Carlos y Sofía piden direcciones	2. Charlie and Sophie Ask for Directions
	3. Proyecto: A explorar la ciudad	3. Project: Let's Explore the City
	4. Prueba 1: A conocer la capital de Panamá	4. Quiz 1: Let's Get To Know the Capital of Panama
	5. Prueba alterna - Versión A: A conocer la capital de Panamá*	5. Alternate Quiz - Form A: Let's Get To Know the Capital of Panama*
	6. Prueba alterna - Versión B: A conocer la capital de Panamá*	6. Alternate Quiz - Form B: Let's Get To Know the Capital of Panama*
	7. Carlos y Sofía viajan por El Canal de Panamá	7. Charlie and Sophie Travel the Panama Canal
	8. Carlos y Sofía recuerdan sus viajes	8. Charlie and Sophie Remember their Travels
	9. Carlos y Sofía recuerdan las aventuras de todo el año	9. Charlie and Sophie Remember their Adventures throughout the Year
	10. Proyecto: La presentación de diapositivas de mis recuerdos inolvidables	10. Project: My Slide Show of Unforgettable Memories
	11. Prueba 2: A viajar por Panamá	11. Quiz 2: Let's Travel Panama
	12. Prueba alterna - Versión A: A viajar por Panamá*	12. Alternate Quiz - Form A: Let's Travel Panama*
	13. Prueba alterna - Versión B: A viajar por Panamá*	13. Alternate Quiz - Form B: Let's Travel Panama*
	14. Proyecto Especial*	14. Special Project*
	15. Repaso	15. Review
	16. Examen	16. Exam
	17. Examen alterno - Versión A*	17. Alternate Exam – Form A*
	18. Examen alterno - Versión B*	18. Alternate Exam – Form B*
	19. Glosario y créditos	19. Glossary and Credits

Spanish I	Unit 12: Repaso y Examen Semestral	
	Assignments	
	1. Repaso	1. Review
	2. Examen	2. Exam
	3. Examen alterno - Versión A*	3. Alternate Exam – Form A*
	4. Examen alterno - Versión B*	4. Alternate Exam – Form B*

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Spanish II

Spanish II is a high school foreign language course that builds upon skills and concepts taught in *Spanish I*, emphasizing communication, cultures, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, and writing Spanish, and in cultural competency.

Upon completion of the course, students should be able to do the following:

- Use Spanish in everyday situations in both oral and written communication.
- Use vocabulary necessary to live in a Spanish-speaking country.
- Demonstrate an understanding of Hispanic countries.
- Listen to and understand passages in Spanish related to various themes.
- Read and understand passages in Spanish related to themes.
- Compare and contrast cultural aspects of Hispanic countries and the United States.

This course gives students practice using the mechanics of the Spanish language, acquaints them with the cultural differences of Hispanic countries, and helps them gain a keen awareness of their own culture.

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Spanish II	Unit 1: Amigos en el Mundo	
	Assignments	
	1. Course Overview	1. Course Overview
	2. Introducción al mundo hispanohablante	2. Introduction to the Spanish Speaking World
	3. El español en los EE.UU.	3. Spanish in the U.S.
	4. ¿Por qué hablamos tanto el español?	4. Why Do We Speak Spanish So Much?
	5. Del viejo mundo al nuevo mundo	5. From the Old World to the New World
	6. Prueba 1: Me gusta el español	6. Quiz 1: I like Spanish
	7. Prueba alterna - Versión A: Me gusta el español*	7. Alternate Quiz - Form A: I like Spanish*
	8. Prueba alterna - Versión B: Me gusta el español*	8. Alternate Quiz - Form B: I like Spanish*
	9. Del nuevo mundo al viejo mundo	9. From the New World to the Old World
	10. ¿Qué haces todos los días?	10. What Do You Do Every Day?
	11. Prueba 2: La rutina diaria	11. Quiz 2: Daily Routine
	12. Prueba alterna - Versión A: La rutina diaria*	12. Alternate Quiz - Form A: Daily Routine*
	13. Prueba alterna - Versión B: La rutina diaria*	13. Alternate Quiz - Form B: Daily Routine*
	14. ¡Cosas qué hacer y lugares adónde viajar!	14. Things to Do and Places to Go!
	15. ¡Ágape!	15. Potluck
	16. Ser o no ser	16. To Be or Not to Be
	17. Una despedida cariñosa	17. A Fond Farewell
	18. ¿Cómo es tu rutina diaria?	18. Project: How Is Your Daily Routine?
	19. Prueba 3: En casa y de paseo	19. Quiz 2: At Home and Out and About
	20. Prueba alterna - Versión A: En casa y de paseo*	20. Alternate Quiz - Form A: At Home and Out and About*
	21. Prueba alterna - Versión B: En casa y de paseo*	21. Alternate Quiz - Form B: At Home and Out and About*
	22. Proyecto especial*	22. Special Project*
	23. Repaso	23. Review
	24. Examen	24. Exam
	25. Examen alterno - Versión A*	25. Alternate Exam – Form A*
	26. Examen alterno - Versión B*	26. Alternate Exam – Form B*
	27. Glosario y créditos	27. Glossary and Credits

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Spanish II	Unit 2: Amigos en Chile	
	Assignments	
	1. El programa de intercambio 'Vive y aprende'	1. The 'Live and Learn' Exchange Program
	2. Una lección de geografía	2. A Geography Lesson
	3. Una excursión educativa	3. An Educational Field Trip
	4. Prueba 1: Me gusta estudiar en Chile	4. Quiz 1: I Love Studying in Chile
	5. Prueba alterna - Versión A: Me gusta estudiar en Chile*	5. Alternate Quiz - Form A: I Love Studying in Chile*
	6. Prueba alterna - Versión B: Me gusta estudiar en Chile*	6. Alternate Quiz - Form B: I Love Studying in Chile*
	7. El primer día de clases	7. The First Day of Classes
	8. La clase de deportes	8. P.E. Class
	9. La clase de literatura	9. Literature Class
	10. Prueba 2: Personajes chilenos	10. Quiz 2: Chilean Personalities
	11. Prueba alterna - Versión A: Personajes chilenos	11. Alternate Quiz - Form A: Chilean Personalities*
	12. Prueba alterna - Versión B: Personajes chilenos	12. Alternate Quiz - Form B: Chilean Personalities*
	13. ¡Aprender otro idioma es difícil!	13. Learning another language is hard!
	14. ¡Ser maestro es difícil!	14. Being a teacher is hard!
	15. La naturaleza es una buena maestra	15. Nature Is a Good Teacher
	16. Proyecto: La escuela ideal	16. Project: The Ideal School
	17. Prueba 3: Chile: Fin del Cono Sur	17. Quiz 3: Chile: The Southern Cone's End
	18. Prueba alterna - Versión A: Chile: Fin del Cono Sur*	18. Alternate Quiz - Form A: Chile: The Southern Cone's End*
	19. Prueba alterna - Versión B: Chile: Fin del Cono Sur*	19. Alternate Quiz - Form B: Chile: The Southern Cone's End*
	20. Proyecto especial*	20. Special Project*
	21. Repaso	21. Review
	22. Examen	22. Exam
	23. Examen alterno - Versión A*	23. Alternate Exam – Form A*
	24. Examen alterno - Versión B*	24. Alternate Exam – Form B*
	25. Glosario y créditos	25. Glossary and Credits

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Spanish II

Unit 3: Amigos en Venezuela	
Assignments	
1. La tierra de gracia	1. Land of Grace
2. Caracas: El hogar de Simón Bolívar	2. Caracas: Home of Simon Bolivar
3. Una lección de geografía	3. A Geography Lesson
4. Prueba 1: Estamos en Venezuela	4. Quiz 1: We are in Venezuela
5. Prueba alterna - Versión A: Estamos en Venezuela*	5. Alternate Quiz - Form A: We are in Venezuela*
6. Prueba alterna - Versión B: Estamos en Venezuela*	6. Alternate Quiz - Form B: We are in Venezuela*
7. Los venezolanos: Un crisol de la raza humana	7. Venezuelans: A Melting Pot of Humanity
8. Buen porte y buenos modales abren puertas principales	8. Etiquette is the Key to Success
9. Venezuela: Valores y tradiciones	9. Venezuela: Values and Traditions
10. Prueba 2: La Feria Internacional de Artesanos de Venezuela	10. Quiz 2: The International Craft Fair in Venezuela
11. Prueba alterna - Versión A: La Feria Internacional de Artesanos de Venezuela*	11. Alternate Quiz - Form A: The International Craft Fair in Venezuela*
12. Prueba alterna - Versión B: La Feria Internacional de Artesanos de Venezuela*	12. Alternate Quiz - Form B: The International Craft Fair in Venezuela*
13. ¡Disfrutemos al aire libre en la isla Margarita!	13. Let's enjoy the Outdoors on Margarita Island!
14. Proyecto especial de un folleto turístico	14. Project: A Tourist Pamphlet
15. La música y el baile	15. Music and Dance
16. La gastronomía venezolana	16. Venezuelan Cuisine
17. ¡A jugar béisbol!	17. Play Ball!
18. Prueba 3: Lo tuyo es mío y lo mío es tuyo	18. Quiz 3: What is yours is mine and what is mine is yours
19. Prueba alterna - Versión A: Lo tuyo es mío y lo mío es tuyo*	19. Alternate Quiz - Form A: What is yours is mine and what is mine is yours*
20. Prueba alterna - Versión B: Lo tuyo es mío y lo mío es tuyo*	20. Alternate Quiz - Form B: What is yours is mine and what is mine is yours*
21. Proyecto especial*	21. Special Project*
22. Repaso	22. Review
23. Examen	23. Exam
24. Examen alterno - Versión A*	24. Alternate Exam – Form A*
25. Examen alterno - Versión B*	25. Alternate Exam – Form B*
26. Glosario y créditos	26. Glossary and Credits

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Spanish II	Unit 4: Amigos en Perú	
	Assignments	
	1. Próximo destino: Perú	1. Next Stop: Peru
	2. Me encanta el Perú	2. I love Peru
	3. Cusco: La capital antigua de los incas	3. Cusco: The Ancient Capital of Incas
	4. ¡Machu Picchu es una maravilla!	4. Macchu Picchu is a Wonder!
	5. Prueba 1: Amo el Perú	5. Quiz 1: I love Peru
	6. Prueba alterna - Versión A: Amo el Perú*	6. Alternate Quiz - Form A: I love Peru*
	7. Prueba alterna - Versión B: Amo el Perú*	7. Alternate Quiz - Form B: I love Peru*
	8. Puno y Lago Titicaca	8. Puno and Lake Titicaca
	9. El choque cultural	9. Culture Shock
	10. Proyecto: La importancia del patrimonio cultural	10. Project: The Importance of Cultural Heritage
	11. La selva amazónica y Puerto Maldonado	11. The Amazon Rainforest and Puerto Maldonado
	12. Perdido en la traducción	12. Lost in the Translation
	13. Prueba 2: Las zonas del Perú	13. Quiz 2: Peru's Areas
	14. Prueba alterna - Versión A: Las zonas del Perú*	14. Alternate Quiz - Form A: Peru's Areas*
	15. Prueba alterna - Versión B: Las zonas del Perú*	15. Alternate Quiz - Form B: Peru's Areas*
	16. Proyecto especial*	16. Special Project*
	17. Repaso	17. Review
	18. Examen	18. Exam
	19. Examen alterno - Versión A*	19. Alternate Exam – Form A*
	20. Examen alterno - Versión B*	20. Alternate Exam – Form B*
	21. Glosario y créditos	21. Glossary and Credits

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Spanish II	Unit 5: Amigos en Colombia	
	Assignments	
	1. La arqueología: Una carrera ideal para Sofía	1. Archeology: An Ideal Career for Sophie
	2. Carlos:'Yo quiero ser arquitecto'	2. Charlie: I Want to Be an Architect
	3. ¿Un trabajo o una carrera?	3. A Job Versus a Career
	4. Las profesiones y los oficios	4. Professions and Trades
	5. Prueba 1: ¿Una carrera o un trabajo?	5. Quiz 1: A Career or a Job?
	6. Prueba alterna - Versión A: ¿Una carrera o un trabajo?*	6. Alternate Quiz - Form A: A Career or a Job?*
	7. Prueba alterna - Versión B: ¿Una carrera o un trabajo?*	7. Alternate Quiz - Form B: A Career or a Job?*
	8. Un viaje a Cartagena	8. A Trip to Cartagena
	9. La influencia española en Colombia	9. Spanish Influence in Colombia
	10. Proyecto: La exploración de carreras	10. Project: Career Exploration
	11. Prueba 2: Profesiones	11. Quiz 2: Professions
	12. Prueba alterna - Versión A: Profesiones*	12. Alternate Quiz - Form A: Professions*
	13. Prueba alterna - Versión B: Profesiones*	13. Alternate Quiz - Form B: Professions*
	14. El mesero distraído	14. The Absent-minded Waiter
	15. Carlos llena una solicitud de empleo	15. Charlie Fills Out a Job Application
	16. Proyecto: Una tableau vivant o pintura viviente	16. Project: A Tableau Vivant or Living Picture
	17. La entrevista de empleo	17. The Job Interview
	18. Prueba 3: La feria de las flores	18. Quiz 3: The Flower Fair
	19. Prueba alterna - Versión A: La feria de las flores*	19. Alternate Quiz - Form A: The Flower Fair*
	20. Prueba alterna - Versión B: La feria de las flores*	20. Alternate Quiz - Form B: The Flower Fair*
	21. Proyecto especial*	21. Special Project*
	22. Repaso	22. Review
	23. Examen	23. Exam
	24. Examen alterno - Versión A*	24. Alternate Exam – Form A*
	25. Examen alterno - Versión B*	25. Alternate Exam – Form B*
	26. Glosario y créditos	26. Glossary and Credits

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Spanish II

Unit 6: Repaso y Examen Semestral	
Assignments	
1. Repaso	1. Review
2. Examen	2. Exam
3. Examen alterno - Versión A*	3. Alternate Exam – Form A*
4. Examen alterno - Versión B*	4. Alternate Exam – Form B*

Spanish II

Unit 7: Amigos en Guatemala	
Assignments	
1. Un viaje en camioneta	1. A Truck Ride
2. ¡A aplanar calles en Antigua!	2. Wandering the Streets of Antigua!
3. ¡Toqué una tortuga!	3. I Touched a Turtle!
4. Tantos murieron...	4. So Many Died ...
5. Prueba 1: ¡Guatemala es lo máximo!	5. Quiz 1: Guatemala is the best!
6. Prueba alterna - Versión A: ¡Guatemala es lo máximo!*	6. Alternate Quiz - Form A: Guatemala is the best!*
7. Prueba alterna - Versión B: ¡Guatemala es lo máximo!*	7. Alternate Quiz - Form B: Guatemala is the best!*
8. Un recorrido por Tikal	8. A Tour of Tikal
9. Un guardabosques hablador	9. A Talkative Ranger
10. Estuvimos en Chichicastenango	10. We were in Chichicastenango
11. Proyecto: Mi diario imaginario	11. Project: My Imaginary Diary
12. Prueba 2: Tikal, Chichicastenango y el volcán Pacaya	12. Quiz 2: Tikal, Chichicastenango and the Pacaya Volcano
13. Prueba alterna - Versión A: Tikal, Chichicastenango y el volcán Pacaya*	13. Alternate Quiz - Form A: Tikal, Chichicastenango and the Pacaya Volcano*
14. Prueba alterna - Versión B: Tikal, Chichicastenango y el volcán Pacaya*	14. Alternate Quiz - Form B: Tikal, Chichicastenango and the Pacaya Volcano*
15. ¿Y eso se come?	15. And You Eat That?
16. Se dice que...	16. It is Said that ...
17. Proyecto: Mi receta secreta	17. Project: My Secret Recipe
18. Prueba 3: ¡Hasta luego Guatemala!	18. Quiz 3: Bye, Guatemala!
19. Prueba alterna - Versión A: ¡Hasta luego Guatemala!*	19. Alternate Quiz - Form A: Bye, Guatemala!*
20. Prueba alterna - Versión B: ¡Hasta luego Guatemala!*	20. Alternate Quiz - Form B: Bye, Guatemala!*
21. Proyecto especial*	21. Special Project*
22. Repaso	22. Review
23. Examen	23. Exam
24. Examen alterno - Versión A*	24. Alternate Exam – Form A*
25. Examen alterno - Versión B*	25. Alternate Exam – Form B*
26. Glosario y créditos	26. Glossary and Credits

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Spanish II	Unit 8: Amigos en Bolivia y Ecuador	
	Assignments	
	1. Las dos ciudades capitales	1. The Two Capital Cities
	2. Andábamos por Tiahuanacu y el lago Titicaca	2. We Were Walking Through Tiahuanacu and Lake Titicaca
	3. ¿Querías sal para esa comida?	3. Did You Want Salt for that Meal?
	4. Íbamos a Cochabamba cuando yo era niña...	4. We Would Go To Cochabamba When I Was Little...
	5. El camino inca	5. Inca Trail
	6. Proyecto: Mi árbol de conversación	6. Project: My Conversation Tree
	7. Prueba 1: De Capítulo Uno	7. Quiz 1: From Chapter One
	8. Prueba alterna - Versión A: De Capítulo Uno*	8. Alternate Quiz - Form A: From Chapter One*
	9. Prueba alterna - Versión B: De Capítulo Uno*	9. Alternate Quiz - Form B: From Chapter One*
	10. ¿Conoces Guayaquil? ¿Qué sabes de ella?	10. Have You Been to Guayaquil? What Do You Know About It?
	11. Conocimos mucho sobre Quito	11. We Learned a lot about Quito
	12. ¡A conocer la región de la amazonía!	12. To know the region of the Amazon!
	13. Las islas Galápagos	13. The Galapagos Islands
	14. Proyecto: Una composición sobre mi niñez	14. Project: A Composition About My Childhood
	15. Prueba 2: De Capítulo Dos	15. Quiz 2: From Chapter Two
	16. Prueba alterna - Versión A: De Capítulo Dos*	16. Alternate Quiz - Form A: From Chapter Two*
	17. Prueba alterna - Versión B: De Capítulo Dos*	17. Alternate Quiz - Form B: From Chapter Two*
	18. Proyecto Especial*	18. Special Project*
	19. Repaso	19. Review
	20. Examen	20. Test
	21. Examen alterno - Versión A*	21. Alternate Test – Form A*
	22. Examen alterno - Versión B*	22. Alternate Exam – Form B*
	23. Glosario y créditos	23. Glossary and Credits

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Spanish II	Unit 9: Amigos en Costa Rica	
	Assignments	
	1. ¡Pura vida! en San José Costa Rica.	1. Things Are Great In San José, Costa Rica!
	2. ¡A hablar del pasado!	2. Let's Talk about the Past!
	3. La hospitalidad de los ticos de Parismina	3. The Hospitality of the Costa Ricans of Parismina
	4. La vida en la selva costarricense	4. Life in the Costa Rican jungle
	5. Un sismo de 6,2º en la escala de Richter, ¡qué desastre!	5. An Earthquake Measuring 6.2 ° on the Richter Scale, What a Mess!
	6. Una mina de oro para los turistas.	6. A Gold Mine for Tourists.
	7. El turismo astronómico: ¡la vista de estrellas más hermosa del mundo!	7. Astronomy for Tourists: The Most Beautiful View of the Stars in the World!
	8. Prueba 1: ¡Pura vida Costa Rica!	8. Quiz 1: Costa Rica, It's All Good!
	9. Prueba alterna - Version A: ¡Pura vida Costa Rica!*	9. Alternate Quiz - Form A - Costa Rica, It's All Good!*
	10. Prueba alterna - Version B: ¡Pura vida Costa Rica!*	10. Alternate Quiz - Form B - Costa Rica, It's All Good!*
	11. La tecnología detrás de las industrias de Costa Rica	11. The Technology behind the Industries of Costa Rica
	12. Carlos y Sofía visitan el Caribe en Costa Rica	12. Charlie and Sophie Visit the Caribbean in Costa Rica
	13. Compañías multinacionales en Costa Rica	13. Multinational Companies in Costa Rica
	14. El instituto de tecnología	14. The Institute of Technology
	15. Una visita a la Amistad	15. A Visit to La Amistad
	16. Proyecto: Un gran recuerdo	16. Project: A Great Memory
	17. Prueba 2: Costa Rica en el pasado	17. Quiz 2 - Costa Rica in the Past
	18. Prueba alterna - Version A: Costa Rica en el pasado*	18. Alternate Quiz - Form A - Costa Rica in the Past*
	19. Prueba alterna - Version B: Costa Rica en el pasado*	19. Alternate Quiz - Form B - Costa Rica in the Past*
	20. Proyecto especial*	20. Special Project*
	21. Repaso	21. Review
	22. Examen	22. Test
	23. Examen alterno - Versión A*	23. Alternate Test – Form A*
	24. Examen alterno - Versión B*	24. Alternate Test – Form B*
	25. Glosario y créditos	25. Glossary and Credits

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Spanish II	Unit 10: Amigos en Paraguay y Uruguay	
	Assignments	
	1. Carlos y Sofía toman una clase de historia	1. Charlie and Sophie Take a History Class
	2. Carlos y Sofía juegan a buscar	2. Charlie and Sophie Go on a Scavenger Hunt
	3. Guten tag de Filadelfia, en Paraguay	3. "Guten Tag" from Philadelphia in Paraguay
	4. Bienvenidos al oriente de Paraguay	4. Welcome to Eastern Paraguay
	5. Proyecto: Cómo hacer lo que hago yo	5. Project: How to Do what I Do
	6. Prueba 1: Amigos en Paraguay	6. Quiz 1 – Friends in Paraguay
	7. Prueba alterna - Versión A: Amigos en Paraguay*	7. Alternate Quiz - Form A - Friends in Paraguay*
	8. Prueba alterna - Versión B: Amigos en Paraguay*	8. Alternate Quiz - Form B - Friends in Paraguay*
	9. Carlos y Sofía llegan a Montevideo	9. Charlie and Sophie Arrive at Montevideo
	10. Los pueblos del río Uruguay	10. The River Towns of Uruguay
	11. Carlos y Sofía exploran la frontera	11. Charlie and Sophie Explore the Border
	12. Carlos y Sofía conocen a un gaucho	12. Charlie and Sophie Meet a Gaucho
	13. Prueba 2: Amigos en Uruguay	13. Quiz 2 - Friends in Uruguay
	14. Prueba alterna - Versión A: Amigos en Uruguay*	14. Alternate Quiz - Form A - Friends in Uruguay*
	15. Prueba alterna - Versión B: Amigos en Uruguay*	15. Alternate Quiz - Form B - Friends in Uruguay*
	16. Proyecto especial*	16. Special Project*
	17. Repaso	17. Review
	18. Examen	18. Test
	19. Examen alterno - Versión A*	19. Alternate Test – Form A*
	20. Examen alterno - Versión B*	20. Alternate Test – Form B*
	21. Glosario y créditos	21. Glossary and Credits

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Spanish II	Unit 11: Amigos en Nicaragua	
	Assignments	
	1. ¡Conozcamos al doctor!	1. Let's Meet the Doctor!
	2. El agua de Nicaragua, ¡ojalá que mejore!	2. The Water of Nicaragua, Hopefully It Improves!
	3. Proyecto: La falta de agua potable en Nicaragua y algunos problemas de salud	3. Project: The Lack of Drinkable Water in Nicaragua and Related Health Problems
	4. ¡Me duele la cabeza!	4. I Have a Headache!
	5. Prueba 1: ¡No me siento bien!	5. Quiz 1: I Don't Feel Well!
	6. Prueba alterna - Versión A: ¡No me siento bien!*	6. Alternate Quiz - Form A: I Don't Feel Well!*
	7. Prueba alterna - Versión B: ¡No me siento bien!*	7. Alternate Quiz - Form B: I Don't Feel Well!*
	8. Carlos y Sofía se preparan para despedirse de Latino América	8. Charlie and Sophie Get Ready to Say Goodbye to Latin America
	9. Mamá y papá, ¡quiero que me compren un carro!	9. Mom and Dad, I Want You to Buy Me a Car!
	10. Proyecto: ¡Que te mantengas sano!	10. Project: May You Stay Healthy
	11. Amigos en Latino América	11. Friends in Latin America
	12. Proyecto: Mis consejos a los demás	12. Project: My Advice to Others
	13. Prueba 2: ¡Quiero que viajes bien y que comas comida buena!	13. Quiz 3 : I Hope That Your Travels Go Well and That You Eat Good Food!
	14. Prueba alterna - Versión A: ¡Quiero que viajes bien y que comas comida buena!*	14. Alternate Quiz - Form A : I Hope That Your Travels Go Well and That You Eat Good Food!*
	15. Prueba alterna - Versión B: ¡Quiero que viajes bien y que comas comida buena!*	15. Alternate Quiz - Form B : I Hope That Your Travels Go Well and That You Eat Good Food!*
	16. Proyecto especial*	16. Special Project*
	17. Repaso	17. Review
	18. Examen	18. Test
	19. Examen alterno - Versión A*	19. Alternate Test – Form A*
	20. Examen alterno - Versión B*	20. Alternate Test – Form B*
	21. Glosario y créditos	21. Glossary and Credits

Spanish II	Unit 12: Repaso y Examen Semestral	
	Assignments	
	1. Repaso	1. Review
	2. Examen	2. Exam
	3. Examen alterno - Versión A*	3. Alternate Exam – Form A*
	4. Examen alterno - Versión B*	4. Alternate Exam – Form B*

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Spanish III

Spanish III is a high school foreign language course that builds upon skills and concepts taught in Spanish II, emphasizing communication, cultures, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, and writing Spanish, and in cultural competency.

Upon completion of the course, students should be able to do the following:

- Speak Spanish in everyday situations to communicate with other Spanish speakers.
- Write accurately and appropriately in Spanish to communicate with other Spanish speakers.
- Listen to and understand passages in Spanish related to various themes.
- Read and understand passages in Spanish related to various themes.
- Compare and contrast cultural aspects of Hispanic countries.
- Demonstrate an understanding of Hispanic countries and their corresponding cultures.

Spanish III	Unit 1: Somos Hispanos (We Are Hispanic)	
	Assignments	
	1. Course Overview	1. Course Overview
	2. Nuestra Lengua	2. Our Language
	3. Legado de Espana y de ostras culturas	3. The Legacy of Spain and Other Cultures
	4. Nuestras tradiciones y celebraciones	4. Our Traditions and Celebrations
	5. Prueba 1	5. Quiz 1
	6. Prueba 1 alterna – Versión A*	6. Quiz 1 Alternate: Form A*
	7. Prueba 1 alterna - Versión B*	7. Quiz 1 Alternate: Form B*
	8. Nuestra historia	8. Our History
	9. Nuestros antepasados	9. Our Ancestors
	10. Nuestra tierra natal	10. Our Land
	11. Proyecto 1: Entrevista de hablantes de otros idiomas	11. Project 1: Interview Speakers of Other Languages
	12. Prueba 2	12. Quiz 2
	13. Prueba 2 alterna - Versión A*	13. Quiz 2 Alternate: Form A*
	14. Prueba 2 alterna - Versión B*	14. Quiz 2 Alternate: Form B*
	15. Nuestros valores	15. Our Values
	16. Nuestra gente	16. Our People
	17. Nuestra presencia en el mundo	17. Our Presence in the World
	18. Proyecto 2: Comparación de la vida en familia	18. Project 2: Comparison of Family Life
	19. Repaso	19. Review
	20. Examen	20. Test
	21. Examen alterno - Versión A*	21. Test - Alternate: Form A*
	22. Examen alterno - Versión B*	22. Test - Alternate: Form B*
	23. Glosario y créditos	23. Glossary and Credits

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Spanish III	Unit 2: Día a Día (Day to Day)	
	Assignments	
	1. Así somos	1. What We're Like
	2. Así nos divertimos	2. How We Have Fun
	3. Nuestra vida social	3. Our Social Life
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. En el colegio	7. At school
	8. En casa	8. At home
	9. En familia	9. As a Family
	10. Proyecto 1: Una escuela del mundo hispanohablante	10. Project 1: A School in the Spanish-speaking World
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Las relaciones familiares	14. Our Family Relationships
	15. Cómo me pueden ayudar	15. How they Can Help Me
	16. ¡Comuniquémonos!	16. Communicate!
	17. Proyecto 2: Mi red social	17. Project 2: My Social Network
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Spanish III	Unit 3: Noticias, Farándula, y Entretenimiento (News, Showbusiness, and Entertainment)	
	Assignments	
	1. Noticias de primera plana	1. Front Page News
	2. El mundo del deporte	2. The World of Sports
	3. El mundo de la política	3. The World of Politics
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. La página social	7. Society Pages
	8. Los clasificados	8. Classifieds
	9. El mundo de la televisión	9. The World of TV
	10. Proyecto 1: Televisión en español	10. Project 1: Television in Spanish
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. El mundo de cine	14. The World of Film
	15. La far├índula y el entretenimiento	15. Showbusiness and Entertainment
	16. Pron├│stico del clima	16. Weather Forecast
	17. Proyecto 2: Cine en español	17. Project 2: Movies in Spanish
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

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Spanish III

Unit 4: Tecnología y Comunicación (Technology and Communication)

Assignments

1.	De la llamada telefónica al mensaje de texto	1.	From Phone Calls to Text Messages
2.	Lenguaje cibernético en español	2.	Cyber Language in Spanish
3.	Foros de información en español	3.	Informational Forums in Spanish
4.	Prueba 1	4.	Quiz 1
5.	Prueba 1 alterna - Versión A*	5.	Quiz 1 Alternative: Form A*
6.	Prueba 1 alterna - Versión B*	6.	Quiz 1 Alternative: Form B*
7.	Aprendizaje y trabajo a distancia	7.	Remote Learning and Working
8.	Muchas carreras para elegir	8.	The Best Careers
9.	Los mejores trabajos	9.	The Best Jobs
10.	Proyecto 1: En busca de trabajo	10.	Project 1: Looking for Work
11.	Prueba 2	11.	Quiz 2
12.	Prueba 2 alterna - Versión A*	12.	Quiz 2 Alternative: Form A*
13.	Prueba 2 alterna - Versión B*	13.	Quiz 2 Alternative: Form B*
14.	Desaf├¡os de la tecnología	14.	Challenges Posed by Technology
15.	Robots en la actualidad y en el futuro	15.	Robots Now and in the Future
16.	Entretenimiento virtual	16.	Virtual Entertainment
17.	Proyecto 2: ¿Cómo usan la tecnología?	17.	Project 2: How Do You Use Technology?
18.	Repaso	18.	Review
19.	Examen	19.	Test
20.	Examen alterno - Versión A*	20.	Test - Alternative: Form A*
21.	Examen alterno - Versión B*	21.	Test - Alternative: Form B*
22.	Glosario y créditos	22.	Glossary and Credits

Spanish III

Unit 5: A Nuestro Alrededor (All Around Us)

Assignments

1.	Ciudades espectaculares	1.	Spectacular Cities
2.	Lo mejor de la vida en la ciudad	2.	The Best of City Life
3.	Parques y recreación	3.	Parks and Recreation
4.	Prueba 1	4.	Quiz 1
5.	Prueba 1 alterna - Versión A*	5.	Quiz 1 Alternative: Form A*
6.	Prueba 1 alterna - Versión B*	6.	Quiz 1 Alternative: Form B*
7.	¿Adónde vas de compras?	7.	Where do you go shopping?
8.	Grandes eventos deportivos y populares	8.	Major Sporting Events and Other Popular Events
9.	¿Por qué no vamos en metro?	9.	Why Don't We Take the Subway?
10.	Proyecto 1: Problemas de tráfico	10.	Project 1: Traffic Problems
11.	Prueba 2	11.	Quiz 2
12.	Prueba 2 alterna - Versión A*	12.	Quiz 2 Alternative: Form A*
13.	Prueba 2 alterna - Versión B*	13.	Quiz 2 Alternative: Form B*
14.	La cultura campesina	14.	Rural Culture
15.	Del pueblo a la ciudad	15.	From the Country to the City
16.	La sobrepoblación	16.	Overpopulation
17.	Proyecto 2: ¿Dónde les gusta vivir?	17.	Project 2: Where do you like to live?
18.	Repaso	18.	Review
19.	Examen	19.	Test
20.	Examen alterno - Versión A*	20.	Test - Alternative: Form A*
21.	Examen alterno - Versión B*	21.	Test - Alternative: Form B*
22.	Glosario y créditos	22.	Glossary and Credits

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Spanish III	Unit 6: Repaso y Examen Semestral (Semester Review and Exam)	
	Assignments	
	1. Repaso	1. Review
	2. Examen	2. Test
	3. Examen alterno - Versión A*	3. Test - Alternative: Form A*
	4. Examen alterno - Versión B*	4. Test - Alternative: Form B*

Spanish III	Unit 7: De Viaje (Traveling)	
	Assignments	
	1. ¿Adónde quieres ir?	1. Where Do You Want to Go?
	2. Paquetes vacacionales	2. Vacation Packages
	3. Un viaje por tierra	3. Traveling by Land
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. Un crucero por el Caribe	7. A Caribbean Cruise
	8. Unos días en la costa mexicana	8. A Few Days on the Mexican Coast
	9. Un viaje de negocios	9. A Business Trip
	10. Proyecto 1: Planes de viaje	10. Project 1: Travel Plans
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Vamos a España	14. Let's Go To Spain
	15. Un viaje por el Cono Sur	15. A Trip to the Southern Cone
	16. El ecoturismo	16. Ecotourism
	17. Proyecto 2: Preferencias turísticas	17. Project 2: Tourist Preferences
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

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Spanish III

Unit 8: La Salud y el Bienestar (Health and Wellbeing)

Assignments

1.	¿Qué haces para mantenerte en forma?	1.	What Do You Do To Stay in Shape?
2.	Alimentación y nutrición	2.	Food and Nutrition
3.	Dietas étnicas	3.	Ethnic Diets
4.	Prueba 1	4.	Quiz 1
5.	Prueba 1 alterna - Versión A*	5.	Quiz 1 Alternative: Form A*
6.	Prueba 1 alterna - Versión B*	6.	Quiz 1 Alternative: Form B*
7.	Médicos de cabecera	7.	Family Doctors
8.	En la sala de emergencias	8.	In the Emergency Room
9.	El farmaceuta hispano	9.	The Hispanic Pharmacist
10.	Proyecto 1: Recomendaciones saludables	10.	Project 1: Healthy Recommendations
11.	Prueba 2	11.	Quiz 2
12.	Prueba 2 alterna - Versión A*	12.	Quiz 2 Alternative: Form A*
13.	Prueba 2 alterna - Versión B*	13.	Quiz 2 Alternative: Form B*
14.	Avances en medicina	14.	Advances in Medicine
15.	La medicina alternativa	15.	Alternative Medicine
16.	La esperanza de vida	16.	Life Expectancy
17.	Proyecto 2: La experiencia del tiempo	17.	Project 2: The Experience of Time
18.	Repaso	18.	Review
19.	Examen	19.	Test
20.	Examen alterno - Versión A*	20.	Test - Alternative: Form A*
21.	Examen alterno - Versión B*	21.	Test - Alternative: Form B*
22.	Glosario y créditos	22.	Glossary and Credits

Spanish III

Unit 9: Protejamos Nuestro Planeta (Let's Protect Our Planet)

Assignments

1.	La contaminación	1.	Pollution
2.	La búsqueda de petróleo	2.	The Search for Oil
3.	Las amenazas al medio ambiente	3.	Threats to the Environment
4.	Prueba 1	4.	Quiz 1
5.	Prueba 1 alterna - Versión A*	5.	Quiz 1 Alternative: Form A*
6.	Prueba 1 alterna - Versión B*	6.	Quiz 1 Alternative: Form B*
7.	La caza de animales	7.	Hunting
8.	Especies en peligro de extinción	8.	Endangered Species
9.	Áreas protegidas	9.	Protected Areas
10.	Proyecto 1: Una especie para proteger	10.	Project 1: A Species to Protect
11.	Prueba 2	11.	Quiz 2
12.	Prueba 2 alterna - Versión A*	12.	Quiz 2 Alternative: Form A*
13.	Prueba 2 alterna - Versión B*	13.	Quiz 2 Alternative: Form B*
14.	Organizaciones Globales de Conservación	14.	Global Conservation Organizations
15.	El reciclaje	15.	Recycling
16.	Soluciones	16.	Solutions
17.	Proyecto 2: Colabora con el medio ambiente	17.	Project 2: Environmental Collaboration
18.	Repaso	18.	Review
19.	Examen	19.	Test
20.	Examen alterno - Versión A	20.	Test - Alternative: Form A
21.	Examen alterno - Versión B	21.	Test - Alternative: Form B
22.	Glosario y créditos (Glossary and Credits)	22.	

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Spanish III

Unit 10: Huellas del Pasado (In the Footsteps of the Past)

Assignments			
1.	La arqueología	1.	Archaeology
2.	Animales gigantes	2.	Giant Animals
3.	Las momias de Sudamérica	3.	The Mummies from South America
4.	Prueba 1	4.	Quiz 1
5.	Prueba 1 alterna - Versión A*	5.	Quiz 1 Alternative: Form A*
6.	Prueba 1 alterna - Versión B*	6.	Quiz 1 Alternative: Form B*
7.	¿Signos de otro planeta?	7.	Signs from Another Planet?
8.	Marcas del pasado	8.	Traces of the Past
9.	Ciudades escondidas	9.	Hidden Cities
10.	Proyecto 1: Una zona arqueológica del mundo hispanohablante	10.	Project 1: An Archaeological Zone in the Spanish-speaking World
11.	Prueba 2	11.	Quiz 2
12.	Prueba 2 alterna - Versión A*	12.	Quiz 2 Alternative: Form A*
13.	Prueba 2 alterna - Versión B*	13.	Quiz 2 Alternative: Form B*
14.	Construcciones misteriosas	14.	Mysterious Constructions
15.	El legado escrito	15.	The Written Legacy
16.	Música natural	16.	The Music of Nature
17.	Proyecto 2: Las culturas indígenas	17.	Project 2: Indigenous Cultures
18.	Repaso	18.	Review
19.	Examen	19.	Test
20.	Examen alterno - Versión A*	20.	Test - Alternative: Form A*
21.	Examen alterno - Versión B*	21.	Test - Alternative: Form B*
22.	Glosario y créditos	22.	Glossary and Credits

Spanish III

Unit 11: La Conciencia Social (Social Consciousness)

Assignments			
1.	Elecciones	1.	Elections
2.	Formas de gobierno	2.	Types of Government
3.	Derechos y deberes de las personas	3.	Rights and Duties of Individuals
4.	Prueba 1	4.	Quiz 1
5.	Prueba 1 alterna - Versión A*	5.	Quiz 1 Alternative: Form A*
6.	Prueba 1 alterna - Versión B*	6.	Quiz 1 Alternative: Form B*
7.	Comercio internacional	7.	International Trade
8.	Programas internacionales	8.	International Programs
9.	La agricultura comunal	9.	Communal Agriculture
10.	Proyecto 1: La conciencia social y el voluntariado	10.	Project 1: Social Awareness and Volunteering
11.	Prueba 2	11.	Quiz 2
12.	Prueba 2 alterna - Versión A*	12.	Quiz 2 Alternative: Form A*
13.	Prueba 2 alterna - Versión B*	13.	Quiz 2 Alternative: Form B*
14.	La emigración	14.	Emigration
15.	Las manifestaciones y las protestas	15.	Demonstrations and Protests
16.	La juventud hispana	16.	Hispanic Youth
17.	Proyecto 2: ¿Es la conciencia social importante?	17.	Project 2: Is a Social Conscience Important?
18.	Repaso	18.	Review
19.	Examen	19.	Test
20.	Examen alterno - Versión A*	20.	Test - Alternative: Form A*
21.	Examen alterno - Versión B*	21.	Test - Alternative: Form B*
22.	Glosario y créditos	22.	Glossary and Credits

Spanish III

Unit 12: Repaso y Examen Semestral (Semester Review and Exam)

Assignments			
1.	Repaso	1.	Review
2.	Examen	2.	Test
3.	Examen alterno - Versión A*	3.	Test - Alternative: Form A*
4.	Examen alterno - Versión B*	4.	Test - Alternative: Form B*

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Trigonometry

Trigonometry is a five-unit elective course for high school students who have successfully completed Algebra I, Geometry, and Algebra II. The materials cover a development of trigonometry from right triangle trigonometry to oblique triangles and the polar plane. Throughout the course, students will develop trigonometric formulas and use them in real-world applications, evaluate trigonometric proofs using complex trigonometric identities and solving trigonometric equations with regard to the unit circle.

The course seeks to help students expand their knowledge and skills so that they may achieve the following goals:

- Use trigonometry as a tool for indirect measurement.
- Model natural phenomenon with trigonometric functions.
- Perform operations with complex numbers using trigonometry.
- Use trigonometric identities to evaluate trigonometric proofs and solve trigonometric equations with regard to the unit circle.
- Solve for unknown sides and angles of right and oblique triangles using right triangle trigonometry, law of sines and law of cosines.

In attaining these goals, students will begin to see the "big picture" of mathematics and understand how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

Trigonometry	Unit 1: Right Triangle Trigonometry	
	Assignments	
	1. Course Overview	13. Quiz 3: The Reciprocal Functions and Identities
	2. Lengths of Sides	14. Radian Measure
	3. Angle Measures	15. Reference Angles
	4. Indirect Measure	16. Velocity
	5. Quiz 1: Solving a Right Triangle	17. Quiz 4: Radian Measure
	6. Angles in the Coordinate Plane	18. Project: Parametric Equations
	7. The Unit Circle	19. Special Project*
	8. Trigonometric Values of Special Angles	20. Review
	9. Quiz 2: The Unit Circle and Special Angles	21. Test
	10. Reciprocal Functions	22. Alternate Test*
	11. Points on the Terminal Side	23. Glossary and Credits
	12. Pythagorean Identities	

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Trigonometry

Unit 2: Graphing and Inverse Functions

Assignments

1. Graphing and Amplitude
2. Project: The Reciprocal Functions
3. Period and Frequency
4. Vertical and Horizontal Translations
5. Sinusoidal Functions
6. Quiz 1: Graphing
7. Inverse Functions
8. Inverse Reciprocal Functions
9. Trigonometric Equations: Part I
10. Trigonometric Equations: Part II
11. Quiz 2: Inverse Trigonometric Functions
12. Project: Modeling with Periodic Functions
13. Special Project*
14. Review
15. Test
16. Alternate Test*
17. Glossary and Credits

Trigonometry

Unit 3: Analytic Trigonometry

Assignments

1. The Fundamental Trigonometric Identities
2. Proving Identities
3. Cosine Addition Formula
4. Sine Addition Formula
5. Tangent Addition Formula
6. Quiz 1: Identities and Addition Formulas
7. Double-Angle Formulas
8. Project: Solving Equations Graphically
9. Half-Angle Formulas
10. Converting Between Products and Sums
11. Quiz 2: More Identities
12. Project: Adding Waves
13. Special Project*
14. Review
15. Test
16. Alternate Test*
17. Glossary and Credits

Trigonometry

Unit 4: Trigonometric Applications

Assignments

1. Law of Sines
2. Ambiguity and Area of a Triangle
3. Law of Cosines: Finding a Side
4. Law of Cosines: Finding an Angle
5. Project: Heron's Formula
6. Quiz 1: Trigonometry of Oblique Triangles
7. Introduction to Vectors
8. Vector Components
9. Navigation Application
10. Vector Multiplication
11. Quiz 2: Vectors
12. Special Project*
13. Review
14. Test
15. Alternate Test*
16. Glossary and Credits

Trigonometry

Unit 5: Polar Coordinates

Assignments

1. Introduction to Polar Coordinates
2. Polar Equations
3. Project: Graphing in the Polar Plane
4. Polar Curves
5. Polar Forms of Conics
6. Quiz 1: Polar Equations
7. Polar Form of Complex Numbers
8. Multiply and Divide Complex Numbers
9. Powers and Nth Roots
10. Project: Fractals
11. Quiz 2: Complex Numbers
12. Special Project*
13. Review
14. Test
15. Alternate Test*
16. Glossary and Credits

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Trig.	Unit 6: Course Review and Exam	
	Assignments	
	1. Review	3. Alternate Exam*
	2. Exam	

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Twentieth Century American History

Twentieth Century American History is a history elective for high school students interested in examining American history during a century of change, continuity, and conflicts.

Students will examine America's economic, political, governmental, cultural, and technological growing pains during the twentieth century. They will also consider the causes and effects of national and international cooperation, competition, and conflict.

- **Unit 1:** Students will examine the major economic, political, and social changes of the 1800s including: the Industrial Revolution, urbanization, and immigration.
- **Unit 2:** Students will explore the effects of the late 1800s by looking at all aspects of Progressivism.
- **Unit 3:** Students will study issues that occurred after World War I including the Russian Revolution, the Red Scare, and the three presidents following Woodrow Wilson.
- **Unit 4:** Students will obtain knowledge on World War II, the Cold War, Eisenhower, and post-war American society.
- **Unit 5:** Students will identify the Civil Rights Movement, the rise of conservatism, post-Cold War foreign policy, and the economic and social issues facing contemporary America.

In attaining these goals, students will develop insight and perspective on the themes and patterns of history and a greater understanding of today's world.

Twentieth Century American History

Unit 1: Coming of Age

Assignments

1.	Course Overview	11.	Quiz 2: Immigration and Urbanization
2.	Entering the Industrial Age	12.	Women's Roles in Society
3.	Industrialists and Big Business	13.	Race Relations and Discrimination
4.	The American Workforce	14.	Education and Entertainment
5.	Farmers and Populists	15.	Quiz 3: American Society
6.	Quiz 1: The Industrial United States	16.	Special Project*
7.	Immigration at the Turn of the Century	17.	Review
8.	Corruption and Political Machines	18.	Test
9.	Growth of Cities	19.	Alternate Test*
10.	Project: Immigrant Experience	20.	Glossary and Credits

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Twentieth Century American History

Unit 2: Modern America Emerges

Assignments

1. Progressivism
2. Progressive Reforms
3. Leaders and Limitations of Progressivism
4. Quiz 1: Progressive Era
5. Global Imperialism
6. American Expansionism
7. The United States as a World Power
8. Project: Panama Canal
9. Quiz 2: American Imperialism
10. Causes of World War I
11. The United States Enters the War
12. Supporting the War Effort
13. Wilson's Peace Plan
14. Quiz 3: World War I
15. Special Project*
16. Review
17. Test
18. Alternate Test*
19. Glossary and Credits
20. The United States Enters the War

Twentieth Century American History

Unit 3: Boom to Bust

Assignments

1. Russian Revolution
2. Red Scare
3. Return to Normalcy
4. Rise of a Consumer Culture
5. Quiz 1: Postwar Issues
6. Prohibition
7. Flappers and Popular Culture
8. Harlem Renaissance
9. Quiz 2: Roaring Twenties
10. Uncle Sam Is Depressed
11. Devastation of the Depression
12. World Is Depressed
13. Quiz 3: Great Depression
14. A New Deal for Americans
15. Deal or No Deal
16. Project: New Deal Programs
17. Quiz 4: New Deal
18. Special Project*
19. Review
20. Test
21. Alternate Test*
22. Glossary and Credits

Twentieth Century American History

Unit 4: World War II and the Cold War

Assignments

1. Isolationism and Nationalism
2. Moving from Isolationism to War
3. Quiz 1: Path to War
4. Americans Mobilize
5. European Theatre
6. Holocaust
7. Pacific Theatre
8. America's Greatest Generation
9. Quiz 2: Uncle Sam at War
10. Origins of the Cold War
11. China and Korea
12. Superpowers Compete for Influence
13. Cold War Chills Americans
14. Quiz 3: Cold War
15. Truman Show
16. Eisenhower Years
17. Nifty Fifties
18. Quiz 4: Post-World War II America
19. Special Project*
20. Review
21. Test
22. Alternate Test*
23. Glossary and Credits

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Twentieth Century American History

Unit 5: Change, Continuity, and Conflict

Assignments

1. Challenging Segregation
2. Civil Rights Movement
3. Era of Activism
4. Quiz 1: Civil Rights and Social Change
5. Trouble in the White House
6. Conservative Revolution
7. Post-Cold War Foreign Policy
8. Project: Comparison Matrix
9. Quiz 2: Foreign Policy and Domestic Politics
10. Global Economy
11. Immigration and Migration
12. Social and Religious Changes
13. Women's Movement
14. Quiz 3: Contemporary America
15. Special Project*
16. Review
17. Test
18. Alternate Test*
19. Glossary and Credits

TCAH

Unit 5: Change, Continuity, and Conflict

Assignments

1. Review
2. Exam
3. Alternate Exam

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Vietnam Era

What comes to mind when you think about the Vietnam Era? For many, that period represents a difficult time in U.S. history. It is defined by an unpopular war that claimed the lives of 58,000 Americans and some 3 million Vietnamese. In this course, you'll look at the history of the Vietnam War. The roots of the conflict stretch further back than you might know. You'll examine why the United States got involved in the conflict and why the United States failed to achieve its objectives.

- **Unit 1:** Students will learn about the history of Vietnam before the war and explain why the United States got involved in Vietnam.
- **Unit 2:** Students will study the growth of U.S. involvement in Vietnam following the 1954 Geneva Accords to the first American combat troops in 1965 after the Gulf of Tonkin incident.
- **Unit 3:** Students will describe fighting techniques and efforts by both the Vietnamese and Americans as well as the U.S. public opinion about the war.
- **Unit 4:** Students will explore the Tet Offensive, Vietnamization, and the end of the war.
- **Unit 5:** Students will identify the outcome of the Vietnam War, examine the 1973 Paris Peace Accords, and explain the impact of the Vietnam War on American foreign policy.

Vietnam Era

Unit 1: The Origins of U.S. Involvement in Vietnam

Assignments

1. Course Overview
2. Vietnam
3. Early History
4. French Indochina
5. Quiz 1: Toward French Colonization
6. Nationalist Movement
7. World War II
8. The French Indochina War
9. Quiz 2: Vietnamese Nationalism
10. Falling Dominoes
11. Dien Bien Phu
12. The Geneva Accords
13. Essay: The U.S. Policy for Vietnam
14. Quiz 3: Vietnam and the Cold War
15. Special Project*
16. Review
17. Test
18. Alternate Test*
19. Glossary and Credits

Vietnam Era

Unit 2: From Military Advisors to Combat Troops

Assignments

1. Ngo Dinh Diem: The Miracle Man of Asia
2. The National Liberation Front
3. The Diem Coup
4. Quiz 1: Nation-Building in South Vietnam
5. Lyndon B. Johnson
6. The Gulf of Tonkin Incident
7. The Gulf of Tonkin Resolution
8. Quiz 2: Aggression on the High Seas
9. The Air War
10. The Ground War
11. Introduction to Combat: Chu Lai and Ia Drang
12. Project: The Eisenhower, Kennedy, and Johnson Administrations
13. Quiz 3: The U.S. Military Strategy
14. Special Project*
15. Review
16. Test
17. Alternate Test*
18. Glossary and Credits

Vietnam Era

Unit 3: A Nation Divided By War

Assignments

1. Vietnamese Soldiers
2. The Ho Chi Minh Trail
3. Vietcong Tunnels
4. Quiz 1: The Vietnamese Effort
10. The Governmental Debate
11. The Living Room War
12. Project: Vietnam Era Songs
13. Quiz 3: American Public Opinion

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	5.	Tour of Duty	14.	Special Project*
	6.	Fighting the War	15.	Review
	7.	Women and the Vietnam War	16.	Test
	8.	Quiz 2: The American Effort	17.	Alternate Test*
	9.	The Antiwar Movement	18.	Glossary and Credits

	Unit 4: Achieving Peace with Honor			
	Assignments			
Vietnam Era	1.	The Tet Offensive	10.	Secret Diplomacy
	2.	LBJ Shocks the Nation	11.	The Paris Peace Accords
	3.	The 1968 Election	12.	Essay: Vietnamization
	4.	Quiz 1: A Turning Point in the War	13.	Quiz 3: The End of the War
	5.	Richard Nixon	14.	Special Project*
	6.	Vietnamization	15.	Review
	7.	The Invasion of Cambodia	16.	Test
	8.	Quiz 2: Nixon and the Vietnam War	17.	Alternate Test*
	9.	Crisis in Morale and Discipline	18.	Glossary and Credits

	Unit 5: The Legacy of Vietnam			
	Assignments			
Vietnam Era	1.	Nixon and Watergate	10.	U.S.-Vietnamese Relations
	2.	Prisoner of War	11.	Vietnam Today
	3.	The Fall of Saigon	12.	Essay: The Vietnam Era
	4.	Quiz 1: Aftermath in Asia	13.	Quiz 3: Toward Normalization
	5.	Vietnam Veterans	14.	Special Project*
	6.	The Vietnam Veterans Memorial	15.	Review
	7.	Vietnam Syndrome	16.	Test
	8.	Quiz 2: Searching for Lessons	17.	Alternate Test*
	9.	Vietnamese in America	18.	Glossary and Credits

	Unit 6: Course Review and Exam			
	Assignments			
VE	1.	Review	3.	Alternate Exam*
	2.	Exam		

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Advanced Placement

Calculus

AP® Calculus is a full-year, high school credit course that is intended for the student who has successfully mastered a minimum of four high school level mathematics courses that cover analytical and conceptual algebra (with heavy emphasis on functions), coordinate and plane geometry, and trigonometric functions. It is highly recommended that the student successfully complete pre-calculus as a prerequisite. The course primarily focuses on the skills and methods of analyzing graphical behavior of functions, the definition of a derivative as well as applications of derivatives, integration and their relationships with the graphical function.

Upon successfully completing the course, the student should have mastered the following concepts:

- Perform operations on functions including composition and inverses.
- Using calculation and estimation to evaluate limits.
- Analyze infinite limits and the correlation between their values and the graph's behavior; estimate and understand discontinuity and continuous functions.
- Compute the derivative of a function using the power rule, product and quotient rule, chain rule and all trigonometric rules.
- Use the concept of a derivative to interpret a function's rate of change and continuity; construct the equation of a line tangent to a curve; evaluate the intervals for which a function is increasing or decreasing.
- Interpret the Mean Value Theorem.
- Evaluate the second derivative and find the points of inflection.
- Utilize the derivative through application problems involving area under a curve, velocity, acceleration and speed.
- Evaluate a definite integral using the Fundamental Theorem of Calculus, Riemann Sums, and the rate of change formula.

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Calculus

Unit 1: Graphs and Limits

Assignments

1. Course Overview
2. Course Introduction
3. Fermat's Method Part 1
4. Fermat's Method Part 2
5. Graphs and Models
6. Linear Models and Rates of Change
7. Functions and Their Graphs
8. Quiz 1 Review
9. Quiz 1
10. Calculus Preview
11. Finding Limits Graphically and Numerically
12. Epsilon-Delta Definition of a Limit
13. Limit Proofs
14. Evaluating Limits Analytically
15. Squeeze Theorem with Trigonometry Review
16. Quiz 2 Review
17. Quiz 2
18. Continuity and One-Sided Limits
19. Intermediate Value Theorem
20. Infinite Limits
21. Chapter 1 Review
22. Special Project*
23. Chapter 1 Test

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Calculus

Unit 2: Derivatives

Assignments

1. Definition of the Derivative
2. Derivatives on the Graphing Calculator
3. Drawing Derivatives
4. Alternate Form of the Derivative
5. Differentiation Rules
6. Derivatives of Sine and Cosine
7. Slope as a Rate of Change
8. Quiz 3 Review
9. Quiz 3
10. Product Rule
11. Quotient Rule
12. Higher-Order Derivatives
13. Chain Rule
14. Implicit Differentiation
15. Chapter 2 Review
16. Special Project*
17. Chapter 2 Test

Calculus

Unit 3: Related Rates

Assignments

1. Related Rates 1
2. Related Rates 2
3. Related Rates 3
4. Related Rates 4
5. Related Rates 5
6. Related Rates Review
7. Special Project*
8. Related Rates Test

Calculus

Unit 4: Derivative Tests

Assignments

1. Extrema on an Interval
2. Rolle's Theorem and the Mean Value Theorem
3. First Derivative Test
4. Quiz 4 Review
5. Quiz 4
6. Concavity and the Second Derivative Test
7. Limits at Infinity
8. Curve Sketching
9. Chapter 3 Review
10. Special Project*
11. Chapter 3 Test
12. Applied Max and Min Problems 1
13. Applied Max and Min Problems 2
14. Applied Max and Min Problems 3
15. Linear Approximations
16. Differentials

Calculus

Unit 5: Review and Semester I Exam

Assignments

1. Review
2. Semester I Exam

Calculus

Unit 6: Integrals

Assignments

1. Antiderivatives and Integration
2. Differential Equations
3. Slope Fields
4. Sigma Notation and Area
5. Riemann Sums and the FTC
6. Quiz 1 Review
7. Quiz 1
8. Mean Value Theorem and Average Value
9. Integrating When the Curve Goes Below the x-axis
10. Second Fundamental Theorem of Calculus
11. Integration by Substitution
12. Definite Integrals with Substitution
13. Trapezoidal Rule
14. Particle Movement
15. Chapter 4 Review
16. Special Project*
17. Chapter 4 Test

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Calculus

Unit 7: Natural Logs and Functions

Assignments

1. Review of the Natural Log and its Properties
2. Natural Log Function and Differentiation
3. Natural Log Function and Integration
4. Integrating Trig Functions
5. Quiz 2 Review
6. Quiz 2
7. Review of Inverse Functions
8. Exponential Functions
9. Bases Other Than e
10. Growth and Decay
11. Chapter 5 Review
12. Special Project*
13. Chapter 5 Test

Calculus

Unit 8: Area and Volume

Assignments

1. Area Between Two Curves
2. Volumes of Revolution: The Disk Method
3. Volumes of Revolution: The Disk and Washer
4. Volumes of Solids with Known Cross Sections
5. Sections 6.1 and 6.2 Review
6. Special Project*
7. Sections 6.1 and 6.2 Test

Calculus

Unit 9: Inverse Trig Functions

Assignments

1. Inverse Trig Functions
2. Differentiating Inverse Trig Functions
3. Integrating Inverse Trig Functions
4. Inverse Trig Functions Review
5. Special Project*
6. Inverse Trig Functions Test

Calculus

Unit 10: Review and Semester II Exam

Assignments

1. Review
2. Semester II Exam

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Comparative Government and Politics

Comparative Government and Politics will introduce students to the diverse political environment outside the United States. The course will compare six selected countries with respect to their political structure and policies as well as different challenges within each of those countries. Students will also examine how different governments solve similar problems and then compare the effectiveness of their approach.

One resource that should be widely used in this course is the information provided at apcentral.collegeboard.com. This site contains formerly released free response questions (FRQs) as well as overviews and guidelines as you prepare for the final exams of this course. Most helpful will be the Course Description book which also gives the breakdown of the AP® Exam ™.

- **Unit 1:** Students will be introduced to comparative politics, political science, and linkage institutions.
- **Unit 2:** Students will examine the political structures of Russia and Nigeria and the relationships between states and the people.
- **Unit 3:** Students will explain the identity of states, the divides that exist between ethnic and religious lines, and the opposing political viewpoints on these topics. They will also examine the government of the United Kingdom.
- **Unit 4:** Students will identify different states and their market structures as well as the political history and systems of the United Kingdom. They will also understand what a political economy and supranational organizations are and how they interact with states.
- **Unit 6:** Students will examine the different institutions and participation in democracies. They will also take a look at newly industrializing and less developed countries, and the political system of Mexico.
- **Unit 7:** Students will explore and compare the authoritarian political systems, identify the history, and examine the political structures of China and the Middle East.
- **Unit 8:** Students will bring everything they learned together to form a complete picture of the politics of China, Great Britain, Mexico, Iran, Nigeria, and Russia. They will take a closer look at the inner workings of Nigeria as well as examine globalization, economic sovereignty, and the development of nations.

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Comparative Government and Politics

Unit 1: Introduction to Comparative Politics

Assignments

1. Course Overview
2. Introduction to Comparative Politics
3. Quiz
4. The Most Successful Revolution
5. Chapter 1: Introduction Comparative Politics
6. Chapter 1: Quiz Preparation
7. Chapter 1 Quiz
8. Labeled Map
9. Political Science
10. Linkage Institutions
11. Being an Ambassador
12. Special Project*
13. Test

Comparative Government and Politics

Unit 2: Political Structure

Assignments

1. Chapter 2: The Modern State
2. Chapter 2: Quiz Preparation
3. Chapter 2 Quiz
4. Nigeria
5. Boka Haram
6. Nigeria Quiz
7. The West and The Rest
8. The Rise of the West
9. Chapter 3: States
10. Chapter 3: Quiz Preparation
11. Chapter 3 Quiz
12. Citizen's Rights
13. Russian Revolution
14. State of Russia
15. Navalny Articles
16. Russia and the West Article
17. Russia and German Parrellism
18. Putin
19. Special Project*
20. Russia Quiz

Comparative Government and Politics

Unit 3: States and Identities

Assignments

1. Chapter 4: States and Identity
2. Chapter 4: Quiz Preparation
3. Chapter 4 Quiz
4. Clash of Civilizations
5. The Clash of Civilizations: Part 2
6. Conflict or Cooperation
7. Crash of Civilization
8. Edward Said v. Huntington
9. Advanced Democracies and the UK
10. Scotland
11. Special Project*
12. Test

Comparative Government and Politics

Unit 4: States and Markets

Assignments

1. Chapter 5: States and Markets
2. Chapter 5: Quiz Preparation
3. Chapter 5 Quiz
4. United Kingdom
5. Ukraine Invasion
6. Political Economy
7. Road to Serfdom
8. Ethel Wood
9. Special Project*
10. Test

CGP

Unit 5: Mid Term

Assignments

1. Review
2. Essay
3. Exam

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Comparative Government and Politics

Unit 6: Political Systems in Democracies

Assignments

1. Chapter 6: Governing Institutions in Democracies
2. Chapter 6: Quiz Preparation
3. Chapter 6 Quiz
4. Duveger's Law
5. Proportional Representation
6. Alternative Vote
7. Chapter 7: Institutions of Participation and Representation in Democracies
8. Chapter 7: Quiz Preparation
9. Chapter 7 Quiz
10. Newly Industrializing and Less Developed Countries
11. Mexico
12. Special Project*
13. Test

Comparative Government and Politics

Unit 7: Political Systems in Authoritarian Regimes

Assignments

1. China: Part 1
2. China: Part 2
3. Air Pollution
4. Two Political Systems
5. Ai WeiWei
6. China Test
7. Chapter 8: Authoritarian Institutions
8. Chapter 8: Quiz Preparation
9. Chapter 8 Quiz
10. China and The Future
11. Chinese Challenges
12. Arab Spring
13. The Rise of Competitive Authoritarianism
14. Iran
15. Iran: Why Rouhani Won
16. New Ideas in Iran
17. Iran Test
18. Non-Democracies
19. Chapter 9: Regime Change
20. Chapter 9: Quiz Preparation
21. Special Project*
22. Chapter 9 Quiz

Comparative Government and Politics

Unit 8: Policies and Global Issues

Assignments

1. Nigeria
2. Ken Saro-Wiwa
3. Reforming Nigeria
4. Reflection: Nigeria
5. Nigeria Test
6. Chapter 10: Globalization
7. Chapter 10: Quiz Preparation
8. Chapter 10 Quiz
9. Margaret Thatcher and Foreign Trade
10. Iran's Economy: Fading Hope
11. Chapter 11: Public Policies When Markets Fail
12. Chapter 11: Quiz Preparation
13. Chapter 11 Quiz
14. Chapter 12: Policies and Politics of Inclusion and Clashing Values
15. Chapter 12: Quiz Preparation
16. Chapter 12 Quiz
17. Special Project*
18. Your Country

CGP

Unit 9: AP® Test Prep

Assignments

1. Review: Charts
2. Review: Vocabulary
3. Practice Test 1
4. Review: Videos
5. Review: Countries
6. Practice Test 2
7. Review: Test Structure
8. Review: FRQs
9. Practice Test 3
10. Special Project*

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CGP	Unit 10: Final Exam	
	Assignments	
	1. Review: Part 1	3. Final Exam
	2. Review: Part 2	

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English Language and Composition

This is a college-level course to prepare students for the Advanced Placement Language and Composition exam by engaging in critical reading, writing, and discussion. The stated purpose of the course (from the College Board) is to "emphasize the expository, analytical, and argumentative writing that forms the basis of academic and professional communication." To accomplish this goal, students learn to read texts closely to determine the author's purpose and means of conveying his or her message.

In addition to various passages and articles, students engage in analysis of images to better understand the processes of communication, persuasion and argument. The goal is to develop skills in analyzing, explaining, and arguing through the analysis of texts from various time periods and genres and through writing formal and informal responses to them in a variety of modes.

Students will also complete quizzes, timed essays, and practice tests to help prepare for the AP® exam throughout the course.

Due to the complex nature of this course, and the multi-faceted approach to the AP Exam preparation, most lessons will likely take longer than one traditional class period. Plan for two to three traditional class periods, in order to allow students ample time to complete their work. Each lesson contains specific notes regarding work time, for teacher reference.

It is highly recommended that teachers and students alike register with AP® Central to gain access to previously published tests as additional practice.

- **Unit 1**: **Introduction to Rhetoric:** Students begin looking through the text and learning what it takes to closely read a text, examining the different parts of the rhetorical triangle, and looking at the rhetorical situation, as well as the occasion and context of a piece of writing and the way all these concepts affect a piece of writing. Students examine various modes of writing such as narrative and cause and effect, and appeals to ethos, logos, and pathos. Students also master a variety of rhetorical terms, such as repetition, chiasmus, antithesis, hyperbole, and irony.

- **Unit 2: Rhetorical Analysis:** Rhetorical analysis is usually the first essay on the AP English and Language Composition exam. Students have to read a passage quickly, annotate and understand it, and then write an essay that asks them to identify rhetorical strategies and what effect those strategies have on the message of the piece. Best practices for tackling the test are also examined.

- **Unit 3: The Descriptive Essay of Historical Fiction:** This part of the course takes a detour into historical fiction. Students will study style, compassion, voice, themes, and motifs. Students are guided through a detailed analysis of the text which culminates in writing a descriptive essay about the text.

- **Unit 4: Introduction to Argument:** The second essay that AP English Language and Composition students are asked to write is the argument essay. Students are usually given a prompt or a quote about an issue and asked to agree, disagree, qualify, or discuss. Here, students transition from persuading to deliberately arguing, focusing their work on argumentation through a variety of modes: satire, persuasion, audience, and argument refutations.

- **Unit 5: Satirical Writing and Argumentation:** Through studying the role of the writer's voice to persuade, engage, and argue, students work to use language deliberately to create the effect that they want their readers to experience. It's important to understand the basic rules of argument and how to link evidence to reasoning, as well as to develop skills and strategies will support students in the composition of good argument essays.

- **Unit 6: Rhetoric and Language:** This unit turns back to rhetoric and explores the various rhetorical appeals that will help students to understand both the rhetorical essay as well as argument. Students will examine

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the effectiveness of humor, pay close attention to visual literacy, and develop more strategies to increase coherence in essays.

- **Unit 7: The Synthesis Essay:** The third essay that AP English Language and Composition students are asked to write for the exam is a synthesis essay. This essay combines argument with sources in which students use a prompt, an assignment, and between seven and eight sources that the College Board provides to develop their own argument. The essay should include both direct and indirect quotes that are consistently documented (does not need to be in MLA).

- **Unit 8: Julius Caesar:** Students read *Julius Caesar*, examining the rhetoric of key soliloquies, as well as strategies for studying famous speeches and sermons. This helps students become more comfortable with dated language and also helps them to practice both rhetorical analysis and argumentation skills.

- **Unit 9: Letters, Speeches, and Paired Texts:** Examining speeches and letters allows students to see just how the audience affects the way a writer frames his or her message and how the audience will control the type of language he or she will use. In the past, there have been compare/contrast essay prompts on the rhetorical analysis test, and so it is a good idea to look at some paired texts to help students prepare.

- **Unit 10: Exam Prep:** Test preparation is critical in this Advanced Placement course and this unit begins with foundational information about how to prepare for the multiple choice test, which is followed by a short quiz to ensure that students have understood the information. The unit then moves into practice tests: three multiple choice tests, three rhetorical analysis prompts with exemplar essays, three argument prompts with exemplar essays, and three synthesis prompts with exemplar essays. The recommendation is that all of these tests should be timed.

When you are asked to write an essay, a description of the topic/assignment and a length requirement will be included. Note that the minimum length requirement assumes FULL pages. For instance, a two to three page paper should fill at least two full pages. You should write using the MLA page set up guidelines, headings, and font suggestions (typically Times New Roman 12).

Most of the readings are taken from the text *The Language of Composition* by Renee H. Shea, Lawrence Scanlon, and Robin Dissin Aufses. Any other texts are included in the test for the convenience of the students and teachers.

Below is a list of resources that are not included in this course and must be acquired separately.

ISBN	Title	Author
978-0743262170	*Cry, the Beloved Country*	Alan Paton
978-0-312-67650-6	*The Language of Composition*	Renee H. Shea et al.

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English Language and Composition

Unit 1: Introduction to Rhetoric

Assignments

1. Course Overview
2. Close Reading
3. Attacking the Text
4. Relating to the Text
5. Ethos, Logos, and Pathos
6. A Method for Essay Composition
7. Writing the Introduction
8. Introduction to Rhetorical Terms
9. Quiz: Rhetorical Terms
10. Rhetoric Readings: A Reading and Writing Assignment
11. Test: Introduction to Rhetoric

English Language and Composition

Unit 2: Rhetorical Analysis

Assignments

1. The Modes of Writing
2. Reading for the Mode
3. Diction
6. Tone
7. Style
8. Figurative Language

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	4. Parallelism	9. Quiz: Rhetorical Analysis
	5. Syntax as a Rhetorical Strategy	10. Test: Rhetorical Analysis

English Language and Composition

Unit 3: Descriptive Essay and Cry the Beloved Country

Assignments

1. Cry, the Beloved Country: Introduction	8. Writing a Descriptive Essay
2. Cry, the Beloved Country: Chapters 11-17	9. Project: "Separate but Equal": Compare and Contrast
3. Cry, the Beloved Country: Themes and Motifs	10. Quiz: Descriptive Essay and Cry the Beloved Country
4. Cry, the Beloved Country: Chapters 18-21	11. Test: Descriptive Essay and Cry the Beloved Country
5. Cry, the Beloved Country: Chapters 30-33	
6. Cry, the Beloved Country: Chapters 34-36	
7. Digging Deeper: Justice vs. Mercy	

English Language and Composition

Unit 4: Introduction to Argumentation

Assignments

1. Argument Versus Persuasion	6. Considering the Opposition
2. Fact Versus Opinion	7. Evaluating Arguments
3. Logical Fallacies and Propaganda	8. Writing the Argument Essay
4. Inductive Versus Deductive Organization	9. Quiz: Introduction to Argumentation
5. Rhetorical Questions	10. Test: Introduction to Argumentation

English Language and Composition

Unit 5: Satirical Writing and Argumentation

Assignments

1. Introduction to Satire	6. Visual Texts as Arguments
2. Analyzing Satire	7. Satire: When Worlds Collide
3. "A Modest Proposal": Irony	8. "Corn-Pone Opinions": Analyzing Satire
4. "A Modest Proposal": Analysis	9. Quiz: Satirical Writing
5. Politics and the English Language	10. Test: Satirical Writing

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English Language and Composition

Unit 6: Rhetoric and Language

Assignments

1. The Power of the Short Sentence and Fragment
2. Correct Pronoun Usage
3. "Mother Tongue": Analysis
4. How to Tackle Dated Language
5. "Slang in America": Analysis
6. "In Plain English": Analysis
7. The Value of Concise Writing
8. "On Dumpster Diving": Analysis
9. Quiz: Rhetoric and Language
10. Test: Rhetoric and Language

English Language and Composition

Unit 7: The Synthesis Essay

Assignments

1. Introduction to the Synthesis Essay
2. Reading the Cartoons and Graphs
3. The American High School: Readings
4. The American High School: Synthesis Essay
5. American Politics and the English Language: Readings
6. American Politics and the English Language: Synthesis Essay
7. The Individual and the Community: Readings
8. The Individual and the Community: Synthesis Essay
9. Quiz: The Synthesis Essay
10. Test: The Synthesis Essay

English Language and Composition

Unit 8: Julius Caesar

Assignments

1. Who Was Julius Caesar?
2. Who Was William Shakespeare?
3. Julius Caesar, Act I
4. Julius Caesar, Act II
5. Julius Caesar, Act III
6. Julius Caesar, Act IV
7. Julius Caesar, Act V
8. Julius Caesar: Argument Essay
9. Quiz: Julius Caesar
10. Test: Julius Caesar

English Language and Composition

Unit 9: Letters, Speeches, and Paired Texts

Assignments

1. Understanding Audience
2. "The Proper Place for Sports": Analysis
3. "Letter to King Ferdinand of Spain": Analysis
4. How to Analyze a Speech
5. "Defense of Native American Religion": Analyzing a Speech
6. Inaugural Address, January 20, 1961: Analysis
7. Paired Texts
8. "The New Consumerism" and "Shop-happy": Analyzing Paired Texts
9. Quiz: Letters, Speeches, and Paired Texts
10. Test: Letters, Speeches, and Paired Texts

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English Language and Composition

Unit 10: Exam Prep

Assignments

1. Multiple Choice and Test Taking Strategies
2. Multiple Choice Practice: Test One
3. Essay Practice: Thoughts on Peace in an Air Raid: Rhetorical Analysis
4. Essay Practice: Facebook Friendonomics: Argument Essay
5. Essay Practice: Consumerism in America: Synthesis Essay
6. Multiple Choice Practice: Test Two
7. Essay Practice: The Destruction of Culture: Rhetorical Analysis
8. Essay Practice: The Case for Working with Your Hands: Argument Essay
9. Essay Practice: American Culture Taking Over the World: Synthesis Essay
10. Multiple Choice Practice: Test Three
11. Essay Practice: Lord Chesterfield: Rhetorical Analysis
12. Essay Practice: Making Mistakes: Argument Essay
13. Essay Practice: Eating Locally: Synthesis Essay

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Human Geography

Course Design: Human Geography is taught as an introductory-level college course intended to prepare students for the Advanced Placement Human Geography exam. This two-semester course will teach students the basic concepts of human geography and give them a geographic framework for the analysis of current world problems through case studies, computer applications, and fieldwork. The students will learn to use the tools of a geographer to ask geographic questions; acquire, organize, and analyze geographic information; and answer geographic questions. They will also take online, multiple-choice quizzes, and practice free-response questions (FRQs) in preparation for the AP® exam.

The students will also need access to map collections, atlases, encyclopedias, and other reference materials both online and in their local libraries.

- **Unit 1:** Students will be introduced to human geography, the five themes of geography, and thematic maps.
- **Unit 2:** Students will examine population patterns throughout the world and regional trends, while also exploring demographics and migrations.
- **Unit 3:** Students will learn the components of culture and the nature of human-environment interactions.
- **Unit 4:** Students will take a closer look into culture and how it is affected by regions, language, and religion.
- **Unit 5:** Students will explore national political units and their geographic characteristics as well as global economic systems.
- **Unit 7:** Students will gain knowledge on agriculture production and natural resources and how they are used globally.
- **Unit 8:** Students will learn about industrialization and the economic development of countries.
- **Unit 9:** Students will explore urban systems and urban structures, census data, and examining information about different cities.
- **Unit 10:** Students will examine market area geography, global tourism, and the effects of natural resources on cities.

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Human Geography

Unit 1: Geography Native and Perspective

Assignments

1. Course Overview
2. Chapter 1 Introduction: Background Basics
3. Quiz: Chapter 1 - Fellmann
4. Project: Site and Situation
5. Project: A Sense of My Place
6. True Maps, False Impressions
7. Project: Map Scale Computations
8. Project: Thematic Maps Activity
9. Spatial Interaction and Spatial Behavior
10. Quiz: Chapter 3 - Fellmann
11. Tracking the AIDS Epidemic
12. Project: Mapping the Diffusion of AIDS
13. Special Project*
14. Test

Human Geography

Unit 2: Population and Migration

Assignments

1. Population: World Patterns, Regional Trends
2. Population Geography: Mexico and Guatemala
3. Quiz: Chapter 4 - Fellmann
4. Project: Demographic Transition Model
5. One Billion and Counting
6. Project: Demographic Description with Population Pyramids
7. A Death in the Desert
8. Project: Principal Migration of Recent Centuries
9. Special Project*
10. Test

Human Geography

Unit 3: Cultural Patterns

Assignments

1. Roots and Meaning of Culture
2. Quiz: Chapter 2 - Fellmann
3. India: The Missing Girls
4. Layers of Tradition
5. Project: Layers of Tradition: Culture Regions
6. Special Project*
7. Test

Human Geography

Unit 4: Cultural Processes

Assignments

1. Cultural Postcard
2. A Migrant's Heart
3. Language and Religion: Mosaics of Culture
4. Project: Local Park
5. Quiz: Chapter 5 - Fellmann
6. Ethnic Geography: Threads of Diversity
7. Quiz: Chapter 6 - Fellmann
8. Ethnic Fragmentation in Canada
9. Imagining New Worlds
10. Folk and Popular Culture: Diversity and Uniformity
11. Quiz: Chapter 7 - Fellmann
12. St. Petersburg: Russia's Window on the West and Vologda
13. Special Project*
14. Test

Human Geography

Unit 5: Political Organization of Space

Assignments

1. Political Ordering of Space
2. Quiz: Chapter 12 - Fellmann
3. From Rags to Riches
4. Project: Economic Development and Human Development Models
5. Inside the Global Economy
6. Supranationalism and Devolution
7. Breaking Up is Hard to Do
8. Project: The Rise of Nationalism and the Fall of Yugoslavia
9. Do Orange and Green Clash?
10. Berlin: Changing Center of a Changing Europe
11. Project: Mapping Religious Affiliation in Northern Ireland
12. Special Project*
13. Test

HG

Unit 6: Review Semester Exam

Assignments

1. Alaska: The Last Frontier?
2. Help Wanted
3. Quiz: Chapter 6 - Kuby
4. Project: Regional Economic Specialization
5. Project: Regional Multipliers
6. Global Firms in the Industrializing East
7. Semester Exam

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Human Geography	Unit 7: Agriculture and Rural Land Use	
	Assignments	
	1. Livelihood and Economy: Primary Activities	7. Quiz: Chapter 8 - Kuby
	2. Quiz: Chapter 8 - Fellmann	8. Brazil: The Sleeping Giant
	3. Project: Von Thunen's Model of Land Use	9. Changes on the Chang Jiang
	4. Water is for Fighting Over	10. Special Project*
	5. Food for Thought	11. Test
	6. Project: Global Sources in your Supermarket	

Human Geography	Unit 8: Industrialization and Economic Development	
	Assignments	
	1. Patterns of Development and Change	5. Quiz: Chapter 9 - Fellmann
	2. Quiz: Chapter 10 - Fellmann	6. Project: The Transforming Industrial Heartland
	3. Developing Countries	7. Special Project*
	4. Livelihood and Economy: From Blue Collar to Gold Collar	8. Test

Human Geography	Unit 9: Cities and Urban Land Use I	
	Assignments	
	1. Urban Systems and Urban Structures	7. Project: Analysis of Census Tract Data
	2. Quiz: Chapter 11 - Fellmann	8. The Challenge for Two Old Cities
	3. Cityscapes, Suburban Sprawl	9. Take Me Out to the Ballgame
	4. The Disappearing Front Range	10. Project: Central Place Function Thresholds
	5. Project: The Role of Transportation in Urban Growth	11. Small Farms, Big Cities
	6. Reading the Urban Landscape: Census Data and Field Observation	12. Special Project*
		13. Test

HG	Unit 10: Cities and Urban Land Use II	
	Assignments	
	1. Market Area Geography	4. Oil and Water
	2. Global Tourism	5. Special Project*
	3. Project: Building Blocks: A Density Game	6. Test

HG	Unit 11: Review and Semester Exam	
	Assignments	
	1. Project: World Geography Interactive Games	2. Final Exam

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HG	Unit 12: AP® Exam Prep	
	Assignments	
	1. Project: Human Geography Models Review	3. Practice Human Geography Exam
	2. Project: Review Games	

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Macro Economics

Macro Economics is the study of the performance of an economy as a whole. This course will cover in detail basic economic concepts, measurement of economic performance, national income and price determination, the financial sector, inflation, unemployment and stabilization policies, economic growth and productivity, and international trade and finance. Upon completing this course, students will be trained to interpret economic news, understand the effects of government policies, and excel on the AP® exam. The learning methodologies in this course are varied and highly interactive, and the main textbook will be supplemented with economic simulation games, application reports, assessments, and videos.

- **Unit 1:** Students will explore what economics is and basic economic concepts such as: factors of production, demand and supply, and how to apply them.
- **Unit 2:** Students will examine each of the three major tools for measuring the health of the economy.
- **Unit 3:** Students will be introduced to the aggregate demand and supply model, Keynesian thinking, and the consumption and aggregate expenditures model.
- **Unit 4:** Students will gain knowledge on what money is and how it is created, financial markets, and monetary policy.
- **Unit 5:** Students will explore government and fiscal policy, inflation and unemployment, and the Philips Curve.
- **Unit 6:** Students will define and measure economic growth and development and the role of investments.
- **Unit 7:** Students will examine international trade and finance, exchange rates, balance payments, and currency reserves. They will conclude the unit by completing lessons to prepare them for the AP exam.

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	Unit 1: Basic Economic Concepts	
Macro Economics	**Assignments**	
	1. Course Overview	12. Chapter 3: Demand and Supply
	2. Chapter 1: Economics: The Study of Choice	13. Demand and Supply
	3. Foundations	14. CEE Activities 1-4, 1-5, 1-6
	4. CEE Activity 1-1	15. Supply, Demand, and Equilibrium
	5. Introduction to Economics	16. Chapter 4: Applications of Demand and Supply
	6. Chapter 1 Quiz	17. CEE Activities 1-7, 1-8, 1-9
	7. Chapter 2: Confronting Scarcity: Choices in Production	18. Chapter 3 Quiz
		19. The Economic Way of Thinking Draft
	8. Factors of Production and the Production Possibilities Model	20. The Economic Way of Thinking Final
		21. Sample FRQ Practice A
	9. CEE Activities 1-2, 1-3	22. CEE Unit 1 Sample MCQs.
	10. The PPF and Comparative Advantage	23. Special Project*
	11. Chapter 2 Quiz	24. Test
	Unit 2: Measurement of Economic Performance	
Macro Economics	**Assignments**	
	1. Chapter 5: Macro Economics: The Big Picture	8. CEE Activities 2-1, 2-2
	2. Themes of Macro Economics	9. GDP and the Circular Flow
	3. CEE Activities 1-10, 2-3, 2-4, 2-5, 2-6	10. Chapter 6 Quiz
	4. Business Cycle, Inflation, and Calculating the	11. Sample FRQ Practice B

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	Unemployment Rate	12.	CEE Unit 2 sample MCQs
	5. Chapter 5 Quiz	13.	Special Project*
	6. Chapter 6: Measuring Total Output and Income	14.	Test
	7. National Income Accounting		

Macro Economics	Unit 3: National Income and Price Determination		
	Assignments		
	1. Chapter 7: Aggregate Demand and Aggregate Supply	9.	MPC, MPS, and the Multiplier
	2. AD and AS Part 1	10.	CEE Activity 3-2
	3. CEE Activities 3-1, 3-3, 3-4	11.	The Consumption Function and MPC and the Multiplier
	4. AD and AS Part 2	12.	Chapter 8 Quiz
	5. CEE Activities 3-5, 3-6, 3-8, 3-9	13.	Sample FRQ Practice C
	6. Keynesian Thinking	14.	CEE Unit 3 sample MCQs
	7. Chapter 7 Quiz	15.	Special Project*
	8. Chapter 8: Consumption and the Aggregate Expenditures Model	16.	Test

Macro Economics	Unit 4: The Financial Sector		
	Assignments		
	1. Chapter 9: The Nature and Creation of Money	12.	Monetary Policy
	2. The Money Supply and Fractional Reserve Banking	13.	CEE Activities 4-6, 4-7, 4-8, 4-9
	3. CEE Activities 4-1, 4-2, 4-3	14.	Fed Open Market Operations
	4. The Money Supply and Fractional Reserve Banking	15.	Monetary Policy Application Report Draft
	5. Chapter 9 Quiz	16.	Chapter 11 Quiz
	6. Chapter 10: Financial Markets and the Economy	17.	Monetary Policy Application Report Final
	7. Financial Markets	18.	Sample FRQ Practice D
	8. Bond Prices and Money Markets	19.	Play the Fed Chairman Game
	9. CEE Activities 4-4, 4-5	20.	CEE Unit 4 sample MCQs
	10. Chapter 10 Quiz	21.	Special Project*
	11. Chapter 11: Monetary Policy and the Fed	22.	Test

Macro Economics	Unit 5: Inflation, Unemployment and Stabilization Policies		
	Assignments		
	1. Chapter 12: Government and Fiscal Policy	11.	Chapter 13 Quiz
	2. Fiscal Policy	12.	Chapter 14: A Brief History of Macroeconomic Thought and Policy
	3. CEE Activities 5-1, 5-2, 5-3, 5-4	13.	Fiscal Policy Application Report Draft
	4. Monetary and Fiscal Policy	14.	Fiscal Policy Application Report Final
	5. CEE Activities 5-5, 5-6, 5-7	15.	Sample FRQ Practice D
	6. Chapter 12 Quiz	16.	CEE Unit 5 sample MCQs
	7. Chapter 13: Inflation and Unemployment	17.	Special Project*
	8. The Phillips Curve Part 1	18.	Test
	9. The Phillips Curve Part 2		
	10. CEE Activities 3-7, 5-8, 5-9		

Macro Economics	Unit 6: Economic Growth and Productivity		
	Assignments		
	1. Chapter 15: Economic Growth	8.	Review Long Run Aggregate Supply
	2. Economic Growth and Development	9.	Chapter 16 Quiz
	3. CEE Activities 6-1, 6-2, 6-3	10.	Sample FRQ Practice E
	4. Economic Growth Through Investment	11.	CEE Unit 6 sample MCQs
	5. Chapter 15 Quiz	12.	Special Project*
	6. Chapter 16: Investment and Economic Activity	13.	Test
	7. The Role of Investment		

Macro Economics	Unit 7: International Trade and Finance
	Assignments

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	1.	Chapter 17: International Trade	11.	CEE Unit 7 sample MCQs
	2.	International Trade	12.	Review A
	3.	CEE activity 7-2	13.	Practice Exam A
	4.	Chapter 17 Quiz	14.	Quiz: Graphs
	5.	Chapter 18: Net Exports and International Finance	15.	Review B
	6.	The Balance of Payments and Exchange Rates	16.	Practice Exam B
	7.	CEE activities 7-1, 7-3, 7-4, 7-5	17.	Review C
	8.	Balance of Payments and Currency Reserves	18.	Practice Exam C
	9.	Chapter 18 Quiz	19.	Final Exam
	10.	Sample FRQ Practice F		

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U.S. Government and Politics

U.S. Government and Politics offers students an advanced study of topics concerning the nation's founding and form of government, as well as an examination of historical and current political issues. The assignments in this course utilize an assigned textbook and study guide, as well as links to external content and articles.

One resource that should be widely used in this course is the information provided at apcentral.collegeboard.com. This site contains formerly released free response questions (FRQs) as well as overviews and guidelines as you prepare for the final exams of this course. Most helpful will be the course description book which also gives the breakdown of the AP Exam™.

- **Unit 1:** Students will examine the founding of the United States with an in-depth look at the Declaration of Independence and the Constitution.
- **Unit 2:** Students will explore the Bill of Rights, history of civil liberties including the fight for equal rights among different ethnicities and gender, history of feminism, religious freedom, current race problems, and marriage equality.
- **Unit 3:** Students will gain an understanding of how the United States Congress works.
- **Unit 5:** Students will obtain knowledge on the history and evolution of the presidency and bureaucracy in government.
- **Unit 6:** Students will identify the role of public opinion in democracy along with the role of lobbyists, political parties, and election campaigns in government.
- **Unit 7:** Students will examine the fuction media plays in politics.
- **Unit 8:** Students will explore state and local politics as well as social, environmental, economic, and foreign policies.
- **Unit 9:** Students will interact with reviews and guides to prepare for the AP exam.

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U.S. Government and Politics

Unit 1: Constitutional Underpinnings

Assignments

1. Course Overview
2. The Most Successful Revolution
3. Introduction to the Constitution: Part 1
4. Chapter 1. Who Gets What, and How?
5. Introduction to the Constitution: Parts 2 and 3
6. Chapter 1 Quiz
7. Introduction to the Constitution: Part 4
8. Introduction to the Constitution: Reflection
9. Chapter 2. American Citizens and Political Culture
10. Chapter 2 Quiz
11. Dr. Os Guinness: A Free People's Suicide
12. Ellis Island
13. Supreme Court and Arizona Immigration Law
14. Citizenship
15. Chapter 3. Politics of the American Founding
16. The Meaning and History of the Constitution
17. Our Founding Fathers
18. Mayflower Compact
19. The Articles of Confederation
20. Declaration of Independence
21. The Constitution Reader: Letter to Henry Lee, Second Treatise of Government, and The Farmer Refuted
22. Is the Declaration of Independence Illegal?
23. Understanding the Declaration of Independence
24. Importance of the Declaration of Independence
25. Chapter 3 Quiz
26. Chapter 4. Federalism and the Constitution
27. The Constitution and the Bill of Rights
28. Majority Tyranny
29. Consent of the Governed and the Separation of Powers
30. The Constitution Video
31. Chapter 4 Quiz
32. The Constitutional Reader: Vices of the Political System of the United States and Federalists 51, 63, and 70
33. Special Project*
34. Unit 1 Test

U.S. Government and Politics

Unit 2: Civil Liberties

Assignments

1. Chapter 5. Fundamental American Liberties
2. Chapter 5 Quiz
3. The Amendments
4. Rights are Secured
5. Chapter 6. The Struggle for Equal Rights
6. Crisis of the Constitution
7. Ferguson Case and Race
8. The Feminism Myths
9. Manhattan Declaration
10. Defense of Marriage Act
11. Interview and Response
12. Civil Liberties and Civil Rights
13. Chapter 6 Quiz
14. Special Project*
15. Unit 2 Test

U.S. Government and Politics

Unit 3: Government Structure Part 1

Assignments

1. Chapter 7. Congress
2. Chapter 7 Quiz
3. Congressional Disapproval
4. Progressive Rejection of the Principles of the Declaration
5. Special Project*
6. Unit 3 Test

U.S. GP

Unit 4: Mid-Term Preparation and Test

Assignments

1. Review
2. Mid-Term

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U.S. Government and Politics

Unit 5: Government Structure Part 2

Assignments

1. Chapter 8. The Presidency
2. Introduction: The Modern Presidency
3. Bills and Executive Orders
4. The Presidency
5. Betty Ford
6. Reagan Speech at the Brandenburg Gate
8. Chapter 8 Quiz
9. Essay: Modern President
10. Chapter 9. The Bureaucracy
11. The Administrative State
12. Bureaucracy and Government
13. The Bureaucratic State
14. Big Government
15. Bureaucracy in Your Life
16. Chapter 9 Quiz
17. Chapter 10. The American Legal System and the
18. Supreme Court Cases
19. Chapter 10 Quiz
20. Special Project*
21. Unit 5 Test

U.S. Government and Politics

Unit 6: Public Opinion and Political Parties

Assignments

1. Chapter 11. Public Opinion
2. Chapter 11 Quiz
3. Modern Polling
4. Public Opinion
5. Chapter 12. Political Parties
6. Party Identification
7. Chapter 12 Quiz
8. Political Parties
9. Chapter 13. Interest Groups
10. Interest Groups and Lobbyists
11. U.S. Policy
12. Interest Groups and Linkage Institutions
13. Chapter 13 Quiz
14. Chapter 14. Voting
15. Chapter 14 Quiz
16. Presidential Campaigning
17. Primary Elections
18. Special Project*
19. Unit 6 Test

U.S. Government and Politics

Unit 7: The Media

Assignments

1. Chapter 15. The Media
2. Chapter 15 Quiz
3. The Colbert Report
4. Bloomberg News Discussion
5. Special Project*
6. Unit 7 Test

U.S. Government and Politics

Unit 8: Federal Structure and Government Policies

Assignments

1. Chapter 16. State and Local Politics in a Federal System
2. Federal Viewpoints
3. Chapter 16 Quiz
4. Chapter 17. Social and Environmental Policy
5. Chapter 17 Quiz
6. Domestic Policy
7. Your Country
8. Chapter 18. Economic Policy
9. Debt Ceiling
10. Economic Outcomes
11. Chapter 18 Quiz
12. Chapter 19. Foreign Policy
13. Chapter 19 Quiz
14. Special Project*
15. Unit 8 Test

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U.S. Government and Politics

Unit 9: AP® Test Preparation

Assignments

1. Student Information on the Exam
2. Chapters 1-5 and Complete the Two Diagnostic Exams
3. Chapters 6-11
4. Chapters 12-16
5. Complete Practice Exam One and Score Your Test
6. Complete Practice Test Two and Three
7. Released FRQs
8. Special Project*
9. Unit 9 Test

U.S. GP

Unit 10: Final Exam

Assignments

1. Review
2. Final Exam

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U.S. History

U.S. History is an advanced history course that helps students prepare for the College Board's AP exam which is at an introductory college level. The course emphasizes the movements and events that have shaped the United States from its earliest beginnings to the present day. AP courses are rigorous and utilize reading and writing skills, analysis, contextualization, and being able to compare and contrast past events with present.

One resource that should be widely used in this course is the information provided at apcentral.collegeboard.com. This site contains formerly released free response questions (FRQs) and multiple choice questions, as well as overviews and guidelines as you prepare for the final exams of this course. Most helpful will be the course description book which also gives the breakdown of the AP Exam™.

- **Unit 1:** Students will examine the Age of Discovery and also describe the political, economic, and religious characteristics of the original colonies.
- **Unit 2:** Students will identify the multiple causes and outcomes of the Revolutionary War.
- **Unit 3:** Students will examine America after the Revolution including the first government and leaders as well as the economic situation.
- **Unit 4:** Students will explore the Jefferson and Jackson presidencies, U.S. expansion, the War of 1812 and its effects.
- **Unit 6:** Students will describe the Industrial Revolution and its effects on American society, examine the Great Awakening, and the cotton industry in the South.
- **Unit 7:** Students will gain information on Manifest Destiny, sectionalism, and events leading to the Civil War.
- **Unit 8:** Students will recall the causes and major events of the Civil War and examine Reconstruction.
- **Unit 10:** Students will explore the politics and business of the Gilded Age including political bosses, giants of industry, and labor unions.
- **Unit 11:** Students will describe the urbanization of America and its effects, westward migration, and agricultural difficulties.
- **Unit 12:** Students will explain the factors of U.S. imperialism and Theodore Roosevelt's presidency.
- **Unit 13:** Students will identify characteristics and events of the Progressive Era, the start of World War I, and summarize U.S. involvement in World War I.
- **Unit 14:** Students will describe the economic and cultural characteristics of the Roaring Twenties. They will also examine causes of and responses to the Great Depression.
- **Unit 15:** Students will explore the New Deal, World War II, and America's involvement in the war.
- **Unit 16:** Students will describe the causes and events of the Cold War, Eisenhower era, and the 1960s.
- **Unit 17:** Students will describe the 1970s, the rise of conservatism, and the United States since the Cold War including the Iraq War and 9/11.

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U.S. History

Unit 1: The Age of Discovery and Colonial Settlement (1500-1692)

Assignments

1. Course Overview
2. Course Information
3. New World Beginnings, 33,000 B.C-A.D. 1769
4. Planting of English America, 1500-1733
5. Settling the Northern Colonies, 1619-1700
6. American Life in the Seventeenth Century, 1607 - 1692
7. Special Project*
8. Test: The Age of Discovery and Colonial Settlement
9. Writing Assignment

U.S. History

Unit 2: Pre-Revolutionary America (1608-1775)

Assignments

1. Unit Information
2. Colonial Society on the Eve of the Revolution, 1700 - 1775
3. The Duel for North America, 1608-1763
4. The Road to Revolution, 1763-1775
5. Special Project*
6. Test: Pre-Revolutionary America
7. Writing Assignment

U.S. History

Unit 3: The Revolutionary Period and the Early Republic (1775-1800)

Assignments

1. Course Information
2. America Secedes from the Empire, 1775-1783
3. The Confederation and the Constitution, 1776-1790
4. Launching the New Ship of State, 1789-1800
5. Special Project*
6. Test: The Revolutionary Period and the Early Republic
7. Writing Assignment

U.S. History

Unit 4: The Development of Jeffersonian Democracy (1800-1840)

Assignments

1. Course Information
2. The Triumphs and Travails of the Jeffersonian Republic, 1800-1812
3. The Second War for Independence and the Upsurge of Nationalism, 1812-1824
4. The Rise of a Mass Democracy, 1824-1840
5. Special Project*
6. Test: The Development of Jeffersonian Democracy
7. Writing Assignment

U.S. History

Unit 5: Midterm Examination

Assignments

1. Midterm Tips
2. Midterm Examination
3. Alternate Midterm Examination*

U.S. History

Unit 6: The Changing Face of America (1790-1860)

Assignments

1. Forging the National Economy, 1790-1860
2. The Ferment of Reform and Culture, 1790-1860
3. The South and the Slavery Controversy, 1793-1860
4. Special Project
5. Test: The Changing Face of America
6. Writing Assignment

U.S. History

Unit 7: The Pre-Civil War Era (1841-1861)

Assignments

1. Course Information
2. Manifest Destiny and Its Legacy, 1841-1848
3. Renewing the Sectional Struggle, 1848-1854
4. Drifting Toward Disunion, 1854-1861
5. Special Project*
6. Test: The Pre-Civil War Era
7. Writing Assignment

U.S. History

Unit 8: Civil War and Reconstruction (1861-1877)

Assignments

1. Girding for War: The North and the South, 1861-1865
2. The Furnace of Civil War, 1861-1865
3. The Ordeal of Reconstruction, 1865-1877
4. Special Project*
5. Test: Civil War and Reconstruction
6. Writing Assignment

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U.S. History

Unit 9: Semester I Final Examination

Assignments

1. Final Exam Tips
2. Final Examination
3. Alternate Final Examination*

U.S. History

Unit 10: Forging an Industrial Society (1869-1900)

Assignments

1. Semester II Course Introduction
2. Political Paralysis in the Gilded Age, 1869-1896
3. Industry Comes of Age, 1865-1900
4. Special Project*
5. Test: Forging an Industrial Society
6. Writing Assignment

U.S. History

Unit 11: America Moves: to the City and to the West (1865-1900)

Assignments

1. America Moves to the City, 1865-1900
2. The Great West and the Agricultural Revolution, 1865-1896
3. Special Project*
4. Test: America Moves: to the City and to the West
5. Writing Assignment

U.S. History

Unit 12: America's Age of Imperialism (1890-1912)

Assignments

1. Empire and Expansion, 1890-1909
2. Progressivism and the Republican Roosevelt, 1901-1912
3. Special Project*
4. Test: America's Age of Imperialism
5. Writing Assignment

U.S. History

Unit 13: Wilson and the First World War (1912-1918)

Assignments

1. Wilsonian Progressivism at Home and Abroad, 1912-1916
2. The War to End War, 1917-1918
3. Special Project*
4. Test: Wilson and the First World War
5. Writing Assignment

U.S. History

Unit 14: Semester II Midterm Examination

Assignments

1. Midterm Tips
2. Midterm Examination

U.S. History

Unit 15: The Roaring Twenties and the Politics of Boom and Bust (1919-1932)

Assignments

1. American Life in the 'Roaring Twenties', 1919-1929
2. The Politics of Boom and Bust, 1920-1932
3. Special Project*
4. Test: The Roaring Twenties and the Politics of Boom and Bust
5. Writing Assignment

U.S. History

Unit 16: FDR and the New Deal (1933-1941)

Assignments

1. The Great Depression and the New Deal, 1933-1939
2. Franklin D. Roosevelt and the Shadow of War, 1933-1941
3. America in World War II, 1941-1945
4. Special Project*
5. Test: FDR and the New Deal
6. Writing Assignment

U.S. History

Unit 17: America in the Postwar Era

Assignments

1. The Cold War Begins, 1945-1952
2. The Eisenhower Era, 1952-1960
3. The Stormy Sixties, 1960-1968
4. Special Project*
5. Test: America in the Postwar Era
6. Writing Assignment

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U.S. History

Unit 18: Toward a New Century

Assignments

1. The Stalemated Seventies, 1968-1980
2. The Resurgence of Conservatism, 1980-1992
3. America Confronts the Post-Cold War Era, 1992-2004
4. Special Project*
5. Test: Toward a New Century
6. Writing Assignment

U.S. History

Unit 19: Semester II Final Examination

Assignments

1. Final Exam Tips
2. Final Examination

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Blended Learning Library

Mathematics 700 Resources

The Blended Learning Library is a supplemental resource which may be used by teachers in conjunction with the subjects of Math 7, Math 8, Algebra I, Geometry, and Algebra II. They are not meant to serve as individual, stand-alone courses. These resources serve as a library of additional material to supplemental the respective course should a teacher decide to use them.

Mathematics 700 Resources

Unit 1: Integers

Assignments

1. Integers on the Number Line
2. Comparing and Ordering Integers
3. Inequalities and Absolute Value
4. Adding Integers with the Same Sign
5. Adding Integers with Different Signs
6. Subtracting Integers
7. Multiplying Integers
8. Dividing Integers
9. Using Integers
10. The Real Number System
11. Real Number Properties
12. The Distributive Property
13. Order of Operations
14. Exponents and the Order of Operations

Mathematics 700 Resources

Unit 2: Fractions

Assignments

1. Fractions and Mixed Numbers
2. Prime Factorization
3. Greatest Common Factor and Least Common Multiple
4. Adding and Subtracting Fractions with Like Denominators
5. Adding and Subtracting Fractions with Unlike Denominators
6. Reducing Fractions
7. Comparing and Ordering Fractions
8. Multiplying Fractions
9. Dividing Fractions

Mathematics 700 Resources

Unit 3: Decimals

Assignments

1. Comparing and Ordering Decimals
2. Rounding and Estimating Decimals
3. Adding and Subtracting Decimals
4. Multiplying and Dividing Decimals
5. Fractions as Decimals
6. Using Decimals
7. Scientific Notation
8. The Metric System

Mathematics 700 Resources

Unit 4: Patterns and Equations

Assignments

1. Adding and Subtracting Algebraic Expressions
2. Expanding and Factoring Algebraic Expressions
3. Identifying Functions
4. Identifying Function Rules
5. Translating Word Sentences
6. Solving Equations Using Addition and Subtraction
7. Solving Equations Using Multiplication and Division

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Mathematics 700 Resources

Unit 5: Ratios and Proportions

Assignments

1. Ratios
2. Rates
3. Proportions
4. Similarity
5. Converting between Fractions, Decimals and Percents
6. Solving Percent Problems Using Proportions
7. Solving Percent Problems Using Equations

Mathematics 700 Resources

Unit 6: Probability and Graphing

Assignments

1. Theoretical Probability
2. Experimental Probability
3. Sample Space
4. Independent and Dependent Events
5. Graphing Linear Equations
6. Slope
7. Direct Variation

Mathematics 700 Resources

Unit 7: Data Analysis

Assignments

1. Theoretical Probability
2. Experimental Probability
3. Sample Space
4. Independent and Dependent Events
5. Graphing Linear Equations
6. Slope
7. Direct Variation

Mathematics 700 Resources

Unit 8: Geometry

Assignments

1. Special Pairs of Angles
2. Polygons
3. Triangles
4. Quadrilaterals
5. Symmetry
6. Reflections
7. Translations

Mathematics 700 Resources

Unit 9: Measurement and Area

Assignments

1. Perimeter
2. Circumference
3. Area of a Parallelogram
4. Area of Triangles and Trapezoids
5. Area of Circles
6. Area of Composite Figures
7. Square and Square Roots

Mathematics 700 Resources

Unit 10: Surface Area and Volume

Assignments

1. Surface Area and Volume
2. Surface Area Rectangular Prisms
3. Volume of Rectangular Prisms
4. Surface Area and Volume
5. Volume of Triangular Prisms
6. Surface Area of Cylinders
7. Volume of Cylinders

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Mathematics 800 Resources

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Mathematics 800 Resources

Unit 1: The Real Number System

Assignments

1. Course Overview
2. The Real Number System
3. Symbolic Algebra
4. The Number Line
5. Comparing Rational Numbers
6. Rational and Irrational Numbers
7. The Distributive Property
8. Negative Exponents
9. Operations with Scientific Notation
10. Square Roots

Mathematics 800 Resources

Unit 2: Modeling Problems in Integers

Assignments

1. Translating into Mathematical Language
2. Solving One-Step Equations
3. Solving Two-Step Equations
4. Relations and Functions
5. Analyzing Graphs
6. Adding Integers
7. Subtracting Integers
8. Exponents and Integers
9. Evaluating Expressions
10. Graphing using Coordinate Planes
11. Using Equivalent Expressions to Solve Equations
12. Solving Two-Step Equations
13. Solving Word Problems

Mathematics 800 Resources

Unit 3: Modeling Problems with Rational Numbers

Assignments

1. Adding and Subtracting Unlike Fractions
2. Multiplying and Dividing Fractions
3. One-step Addition and Subtraction Equations
4. One-Step Multiplication and Division Equations
5. Two-Step Equations
6. One-Step Inequalities
7. Two-Step Inequalities

Mathematics 800 Resources

Unit 4: Proportional Reasoning

Assignments

1. Proportions
2. Direct Variations
3. Solving Percent Problems
4. Unit Conversions
5. Unit Conversions with Metric Units
6. Indirect Measure
7. Models and Scales

Mathematics 800 Resources

Unit 5: More with Functions

Assignments

1. Solving Equations by Combining Like Terms
2. Solving Equations with Distributive Property
3. Slope-Intercept Form
4. Non-Linear Functions
5. Patterns and Arithmetic Sequences
6. Geometric Sequences
7. Recursive Sequences

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Mathematics 800 Resources

Unit 6: Probability and Graphing

Assignments

1. Perpendicular and Parallel Lines
2. Going in Circles
3. Classifying Polygons
4. Angle Measures of Polygons
5. Classifying Triangles
6. The Quadrilateral Family
7. Pythagorean Theorem

Mathematics 800 Resources

Unit 7: Perimeter and Circumference

Assignments

1. Perimeter and Circumference
2. Area Triangles and Trapezoids
3. Symmetry
4. Reflections
5. Translations
6. Rotations
7. Dilations

Mathematics 800 Resources

Unit 8: Measures of Solid Figures

Assignments

1. Surface Area of Rectangular Prisms
2. Surface Area of Cylinder
3. Surface Area of Composite Figures
4. Volume of Triangular Prisms
5. Volume of Square Pyramids
6. Volume of Cones
7. Volume of Spheres

Mathematics 800 Resources

Unit 9: Data Analysis

Assignments

1. Measures of Central Tendency and Dispersion
2. Circle Graphs
3. Frequency and Histograms
4. Constructing Box and Whisker Plots
5. Interpreting Box and Whisker Plots
6. Scatter Plots
7. Misleading Graphs

Mathematics 800 Resources

Unit 10: Probability

Assignments

1. Tree Diagrams and Counting Principle
2. Permutation
3. Combinations
4. Probability and Odds
5. Probability Types
6. Overlapping Events
7. Independent and Dependent Events

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Algebra I Resources

The Blended Learning Library is a supplemental resource which may be used by teachers in conjunction with the subjects of Math 7, Math 8, Algebra I, Geometry, and Algebra II. They are not meant to serve as individual, stand-alone courses. These resources serve as a library of additional material to supplemental the respective course should a teacher decide to use them.

Algebra I Resources

Unit 1: Foundations of Algebra

Assignments

1. Course Overview
2. Translating with Algebraic Expressions
3. Using the Order of Operations
4. Evaluating Expressions
5. Real Numbers and The Number Line
6. Converting between Decimals and Fractions
7. The Multiplicative Inverse
8. Adding and Subtracting Rational Numbers
9. Dividing Integers
10. Absolute Value and the Order of Operations
11. Properties of Addition and Multiplication
12. Combining Like Terms
13. Simplifying Expressions

Algebra I Resources

Unit 2: Linear Equations

Assignments

1. Translating Algebraic Sentences
2. Solutions
3. Multiplication Property of Equality
4. Solving Two-Step Equations
5. Solving Multi-Step Equations
6. Linear Equations--Possible Solution Sets
7. Solving Equations with Parentheses
8. Solving Literal Equations
9. Writing Equations
10. Solving Word Problems
11. Consecutive Integer Problems
12. Age Problems
13. Error in Measurement
14. Mixture Problems

Algebra I Resources

Unit 3: Functions

Assignments

1. The Abscissa and Ordinate
2. Relations
3. Inputs and Outputs
4. Graphing Functions on the Coordinate Plane
5. Writing a Function Rule
6. Sequences
7. Direct Variations
8. Finding Slope Algebraically
9. Writing Equations in General Form
10. Slope-Intercept Form
11. Writing Linear Equations (1)
12. Writing Linear Equations (2)
13. Parallel and Perpendicular Lines

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Algebra I Resources

Unit 4: Inequalities

Assignments

1. Set Builder Notation
2. Solving Inequalities by Addition
3. Solving Inequalities by Multiplication
4. Solving Multi-Step Inequalities
5. Translating Inequalities
6. Union and Intersection
7. Compound Inequalities
8. Graphing Linear Inequalities
9. Solving Absolute Value Equations and Inequalities
10. Graphing Absolute Value Inequalities on the Number Line
11. Graphing Absolute Value Inequalities on the Coordinate Plane

Algebra I Resources

Unit 5: Linear Systems

Assignments

1. Systems of Linear Equations
2. Solve a System by Graphing
3. Systems of Inequalities Solutions
4. Solving by Substitution
5. Solving by Elimination
6. Solving with Determinants
7. Solving Systems with Fractions
8. Solving Word Problems with Two Unknowns
9. Solving Money Problems
10. Solving Mixture Problems

Algebra I Resources

Unit 6: Polynomials

Assignments

1. Adding and Subtracting Polynomials
2. Simplifying Polynomial Expressions
3. Multiplying Polynomials
4. The FOIL Method
5. Dividing by a Monomial
6. Dividing by a Polynomial
7. Prime Factorization and the GCF
8. Factoring Polynomials
9. Factoring by Grouping
10. Factoring Trinomials (1)
11. Factoring Trinomials (2)
12. The Difference of Two Squares
13. Factoring Polynomials Completely

Algebra I Resources

Unit 7: Exponential and Radical Functions

Assignments

1. Negative Exponents
2. Evaluating Exponential Expressions
3. Writing Numbers in Scientific Notation
4. Properties of Exponents (1)
5. Properties of Exponents (2)
6. Properties of Exponents (3)
7. Geometric Sequences
8. Simplifying Perfect Roots
9. Multiplying Radicals
10. Rationalizing the Denominator
11. Combining Like Radicals
12. Radical Equations

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Algebra I Resources

Unit 8: Quadratics

Assignments

1. The Pythagorean Theorem and Irrational Numbers
2. Circle Equations
3. Midpoint of a Line Segment
4. Quadratic Equations
5. Graphing Parabolas
6. Graphing Quadratic Functions in General Form
7. Graphing Quadratic Inequalities
8. Solving Quadratic Equations by Factoring
9. The Square Root Property
10. Solving Word Problems Using a Quadratic Equation
11. Solving Quadratic Equations by Completing the Square (1)
12. Solving Quadratic Equations by Completing the Square (2)
13. The Quadratic Formula
14. Solving Quadratic Equations Using the Quadratic Formula

Algebra I Resources

Unit 9: Rational Expressions

Assignments

1. Writing a Rational Expression in Lowest Terms
2. Multiplying and Dividing Rational Expressions
3. Adding and Subtracting Rational Expressions (1)
4. Adding and Subtracting Rational Expressions (2)
5. Solving Proportions
6. Solving Equations That Contain Fractions
7. Simplifying Complex Fractions
8. Solving Inequalities That Contain Fractions
9. Distance and Pipe Flow Problems
10. Unknown Number Problems

Algebra I Resources

Unit 10: Probability and Statistics

Assignments

1. Mean, Median, and Mode
2. Range and Interquartile Range
3. Scatter Plots
4. Listing Outcomes and the Multiplication Principle
5. Permutations
6. Combinations
7. Introduction to Probability
8. Mutually Exclusive and Inclusive Events

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Geometry Resources

The Blended Learning Library is a supplemental resource which may be used by teachers in conjunction with the subjects of Math 7, Math 8, Algebra I, Geometry, and Algebra II. They are not meant to serve as individual, stand-alone courses. These resources serve as a library of additional material to supplemental the respective course should a teacher decide to use them.

Geometry Resources

Unit 1: Introduction

Assignments

1. Course Overview
2. Set Theory Review
3. Operations with Sets
4. Point
5. Line
6. Plane
7. Geometric Postulates
8. Review of Algebraic Postulates
9. Geometric Theorems
10. Review of Properties of Algebra

Geometry Resources

Unit 2: Logic

Assignments

1. Logic
2. Conjunctions
3. Disjunctions
4. Negations
5. Conditional Statements
6. Converse, Inverse, Contrapositive
7. The Given Statement
8. To Prove Statement
9. The Plan of the Proof
10. The Paragraph Proof

Geometry Resources

Unit 3: Angles and Parallels

Assignments

1. Angle Measurement
2. Angle Relationships
3. Angle Relationship Theorems
4. Basic Properties of Parallels
5. Transversals and Special Angles
6. Classifying Triangles
7. Exterior and Remote Interior Angles of a Triangle
8. Proofs Involving Triangles
9. Other Polygons

Geometry Resources

Unit 4: Congruent Triangles and Quadrilaterals

Assignments

1. Defining Congruent Triangles
2. Proving Triangles Congruent
3. Proving Right Triangles congruent
4. Independent Triangles
5. Overlapping Triangles
6. Isosceles Triangles
7. Inequality Theorem in One Triangle
8. Quadrilateral Parallelograms Theorems
9. Triangles that Use Parallelograms in Proofs
10. Parallelograms: Rectangles
11. Trapezoids - Definitions and Proofs

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Geometry Resources

Unit 5: Similar Polygons

Assignments

1. Algebra and Ratios
2. Algebra Properties and Proportions
3. Properties of Proportions
4. Meaning of Similarity - Theorems
5. Meaning of Similarity - Proofs
6. The Pythagorean Theorem
7. Theorems about 45-45-90 Right Triangles
8. Using Triangles: Rectangular Solids
9. Using Triangles: Regular Square Pyramid
10. Trigonometry - Sine Ratio
11. Trigonometry - Cosine Ratio
12. Trigonometry - Tangent Ratio
13. Using Similar Triangles in Indirect Measurement
14. Using Trigonometry in Indirect Measurement

Geometry Resources

Unit 6: Circles

Assignments

1. Tangents
2. Arcs
3. Chords
4. Special Segments

Geometry Resources

Unit 7: Area and Volume

Assignments

1. Area Concepts of Polygons
2. Area of Regular Polygons
3. Circles: Circumference and Pi
4. Circles: Areas of Circles
5. Circles: Areas of Sectors
6. Circles: Areas of Segments
7. Solids: Prisms
8. Solids: Pyramids
9. Solids: Cylinders
10. Solids: Cones
11. Solids: Spheres
12. Two and Three-Dimensional Objects

Geometry Resources

Unit 8: Coordinate Geometry

Assignments

1. Symmetry
2. Distance Formula
3. Perimeter and Area
4. Equation of a Circle
5. Midpoint Formula
6. Slope
7. Parallel and Perpendicular Lines
8. Figures in the Coordinate Plane

Geometry Resources

Unit 9: Transformations

Assignments

1. Isometry: Reflection
2. Isometry: Translations
3. Isometry: Rotations
4. Similarity Transformation: Dilation
5. Inverse and Identity

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Geometry Resources

Unit 10: Geometric Application

Assignments

1. Using SOH CAH TOA in Trigonometry
2. Finding the Values of Trigonometric Functions
3. Law of Sines
4. Ambiguity and Area of a Triangle
5. Law of Cosines: Finding a Side
6. Law of Cosines: Finding an Angle
7. Density

Geometry Resources

Unit 11: Probability

Assignments

1. Definitions, Sample Spaces and Probability
2. Addition of Probabilities
3. Multiplication of Probabilities
4. Permutations of N Things: Different
5. Conditional Probability
6. Conditional Probability in the Real-World Situations
7. Two-Way Frequency Tables

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Algebra II Resources

The Blended Learning Library is a supplemental resource which may be used by teachers in conjunction with the subjects of Math 7, Math 8, Algebra I, Geometry, and Algebra II. They are not meant to serve as individual, stand-alone courses. These resources serve as a library of additional material to supplemental the respective course should a teacher decide to use them.

Algebra II Resources

Unit 1: Set, Structure, and Function

Assignments

1. Course Overview
2. Picturing sets
3. Working with Sets
4. Relations and Functions: Definitions
5. Relations and Functions: Graphs
6. Algebraic Expressions: Exponents
7. Solving Multi-Step Equations
8. Working with Inequalities

Algebra II Resources

Unit 2: Numbers, Sentences, and Problems

Assignments

1. Equations with Parentheses
2. Graphing Solution Sets for Inequalities
3. Solving and Graphing Compound inequalities
4. Motion Problems

Algebra II Resources

Unit 3: Linear Equations and Inequalities

Assignments

1. Graphing Lines with Two Points
2. Writing Equations with Point Slope
3. Graphing Lines with Slope Intercept
4. Solving Systems by Graphing
5. Solutions by Addition
6. Solving Systems by Substitution
7. Graphing Two Variable Inequalities

Algebra II Resources

Unit 4: Polynomials

Assignments

1. Products and Factoring
2. Multiplying Polynomials by Polynomials
3. Special Products Part 1
4. Special Products Part 2
5. Identify and Factor Perfect Square Trinomials
6. Identify and Factor Sum and Difference of Cubes
7. Add and Subtract Polynomials by Identifying Like Terms
8. Synthetic Division
9. The Remainder Theorem
10. Using Numerical Relationships
11. Direct Variation
12. Inverse Variation

Algebra II Resources

Unit 5: Algebraic Fractions

Assignments

1. Dividing Algebraic Fractions
2. Adding and Subtracting Rational Expressions
3. Mixed Expressions and Complex Fractions
4. Equations with Fractions

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Algebra II Resources

Unit 6: Real Numbers

Assignments

1. Real Numbers
2. Laws of Radicals
3. Conjugates
4. Radical Equations
5. Factoring Quadratic Equations
6. Completing the Square
7. Quadratic Formula
8. Sum and Product of Roots
9. The Discriminant
10. Fundamental Theorem of Algebra
11. Imaginary Numbers

Algebra II Resources

Unit 7: Quadratic Relations and Systems

Assignments

1. Circles
2. Ellipse
3. More ellipses
4. Parabola
5. Hyperbola 1
6. Systems of Equations
7. Solutions of Inequalities
8. Constant of Proportionality

Algebra II Resources

Unit 8: Functions

Assignments

1. Exponential Functions
2. Graphs of Piecewise functions
3. Exponential Equations
4. Logarithmic Functions
5. Evaluating Exponential functions with Logarithms
6. Properties of Logarithms
7. Solving Logarithmic Equations
8. Comparing Functions
9. Inverse Functions
10. Matrices
11. System Solutions with Matrices

Algebra II Resources

Unit 9: Counting Principles

Assignments

1. Factorials
2. Permutations
3. Combination Formula
4. Combinations Applications
5. Binomial Coefficients
6. Probability concepts
7. Equally likely outcomes
8. Multiplication Principle
9. Conditional Probability

Algebra II Resources

Unit 10: Trigonometry

Assignments

1. The Unit Circle
2. Reciprocal Functions
3. Radian Measure
4. Evaluating Trig Functions
5. The Pythagorean Identity
6. Graphs and Amplitude
7. Graphs and Modeling

Algebra II Resources

Unit 11: Statistics

Assignments

1. Sample Surveys
2. Normal Distributions
3. Experiments
4. Probability and Decisions

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Test Prep

ACT Test Prep

ACT® Test Prep

Unit 1: Orientation to the ACT

Assignments

1. Introduction and Overview to the ACT
2. Test Tips
3. Glossary and Credits

ACT® Test Prep

Unit 2: The ACT English Test

Assignments

1. Overview of the ACT English Test
2. Punctuation, Grammar, and Usage
3. Sentence and Paragraph Structure
4. Sentence and Paragraph Structure: Pronouns
5. Sentence and Paragraph Structure: Syntax and Style
6. Word Use
7. Writing Strategy and Style
8. English Practice Test
9. Glossary and Credits

ACT® Test Prep

Unit 3: The ACT Mathematics Test

Assignments

1. Overview of the ACT Mathematics Test
2. Elementary Algebra
3. Intermediate Algebra/Coordinate Geometry
4. Plane Geometry/Trigonometry
5. Mathematics Practice Test
6. Glossary and Credits

ACT® Test Prep

Unit 4: The ACT Reading Test

Assignments

1. Overview of the ACT Reading Test
2. Balance and Efficiency
3. Fiction
4. Nonfiction
5. Reading Practice Test
6. Glossary and Credits

ACT® Test Prep

Unit 5: The ACT Science Test

Assignments

1. Overview of the ACT Science Test
2. Data Representation
3. Research Summaries
4. Conflicting Viewpoints
5. Science Practice Test
6. Glossary and Credits

ACT® Test Prep

Unit 6: The ACT Writing Test

Assignments

1. Overview of the ACT Writing Test
2. Samples and Comparison
3, Prompts for Practice
4. Glossary and Credits

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ACT® Test Prep

Unit 7: Practice Test	
Assignments	
1. ACT Practice Test: English	9. ACT Practice Test - Alternate Test 2: English*
2. ACT Practice Test: Math	10. ACT Practice Test - Alternate Test 2: Math*
3. ACT Practice Test: Reading	11. ACT Practice Test - Alternate Test 2: Reading*
4. ACT Practice Test: Science	12. ACT Practice Test - Alternate Test 2: Science*
5. ACT Practice Test - Alternate Test 1: English*	13. ACT Practice Test - Alternate Test 3: English*
6. ACT Practice Test - Alternate Test 1: Math*	14. ACT Practice Test - Alternate Test 3: Math*
7. ACT Practice Test - Alternate Test 1: Reading*	15. ACT Practice Test - Alternate Test 3: Reading*
8. ACT Practice Test - Alternate Test 1: Science*	16. ACT Practice Test - Alternate Test 3: Science*

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Essentials of Mathematics

Essentials of Mathematics is a semester-length review of the fundamentals taught in Pre-Algebra, Algebra I and Geometry courses and is useful at the high school level for basic skill remediation and/or practice necessary to prepare for a state exam. The course highlights basic mathematical skills through multiple review, practice and sample exam questions.

Upon successfully completing the course, the student should have mastered the following concepts:

- Understand and know how to compute and define rational numbers.
- Perform basic operations such as addition, subtraction, multiplication, and division with fractions, decimals, and percents.
- Apply basic fundamental rules of exponents as well as scientific notation.
- Be able to construct basic and complex geometric shapes; solve for perimeter, area, surface area, and volume.
- Use inductive and deductive reasoning, conjectures, and estimation necessary to construct a picture, formula or equation needed for analyzing and solving algebraic and geometric word problems involving basic probability and statistical reasoning, scale factor, graphic representation of quantities, and linear systems of equations.
- Solve single variable, absolute value, and linear systems of equations.
- Evaluate, solve, and graph linear functions as well as conceptualize the relationship between the independent and dependent variable of a function.
- Simplify and perform operations with radical expressions and polynomials.
- Understand and know how to apply the slope-intercept form of a line, slope formula, and Pythagorean theorem.

Essentials of Mathematics	Unit 1: Number Sense	
	Assignments	
	1. Course Overview	9. Fractions and Factoring
	2. Reviewing Rational Numbers	10. Using Exponent Rules
	3. Absolute Value and Integers	11. Exponents in Scientific Notation
	4. Quiz 1: Reviewing Rational Numbers	12. Negative Whole-Number Exponents
	5. Converting Fractions to Decimals and Percents	13. Powers and Roots
	6. Working with Percents (1) Increase and Decrease	14. Quiz 3: Fractions and Factoring, Exponents, Powers and Roots
	7. Working with Percents (2) Applications of Percents	
	8. Quiz 2: Fractions, Decimals, and Percents	15. Test

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Essentials of Mathematics

Unit 2: Statistics, Data, Analysis, and Probability

Assignments

1. Measures of Central Tendency
2. Evaluating Statistical Claims
3. Displaying and Comparing Data Sets
4. Quiz 1: Working with Data
5. Outcomes
6. Representing Probabilities
7. Independent and Dependent Variables
8. Quiz 2: Probability
9. Test

Essentials of Mathematics

Unit 3: Algebra and Functions

Assignments

1. Order of Operations
2. Working with Exponents and Roots
3. The Distributive Property
4. Add and Subtract Polynomials
5. Multiply and Divide Polynomials
6. Quiz 1: Simplifying Expressions
7. Inverse Operations
8. Solving Two-Step Equations and Inequalities
9. Writing Mathematical Statements
10. Quiz 2: Solving Equations and Inequalities
11. Test

Essentials of Mathematics

Unit 4: Measurement and Geometry

Assignments

1. Measurement Systems
2. Scale Drawings and Models
3. Measures of Rates and Products
4. Perimeter and Area: 2D Figures
5. Surface Area and Volume: 3D Figures
6. Quiz 1: Measurement and Geometry
7. Converting Between Units of Measure
8. Complex 2D Objects
9. Complex 3D Objects
10. Geometric Shapes: Scale Factors
11. Quiz 2: Complex Objects
12. Pythagorean Theorem
13. Coordinate Graphs
14. Transformations and Congruent Figures
15. Quiz 3: Coordinate Geometry
16. Test

Essentials of Mathematics

Unit 5: Mathematical Reasoning

Assignments

1. Analyzing Problems
2. Making Conjectures
3. Estimation (1)
4. Estimation (2)
5. Inductive and Deductive Reasoning
6. Solving Problems
7. Quiz 1: Mathematical Reasoning
8. Test

Essentials of Mathematics

Unit 6: Algebra I

Assignments

1. Graphs and Charts
2. Represent Data
3. Graphing Linear Functions
4. Parallel Lines
5. Solutions of Linear Equations
6. Graphing Higher Power Functions
7. Quiz 1: Graphing
8. Solving Absolute Value Inequalities
9. Solving Linear Equations
10. Solving Linear Inequalities
11. Quiz 2: Equations
12. Multi-Step Word Problems (Rate)
13. Multi-Step Word Problems (Work)
14. Multi-Step Word Problems (Percent Mixture)
15. System of Equations
16. System of Linear Inequalities
17. Quiz 3: Equations
18. Test

EOM

Unit 7: Final Exam

Assignments

1. Final Exam
2. Alternate Final Exam*

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GED Test Prep

GED® Test Prep

Unit 1: Reasoning Through Language Arts

Assignments

1. Overview and Diagnostic Test
2. Main Ideas
3. Cause and Effect, Compare and Contrast
4. Drawing Conclusions and Making Generalizations
5. Analyzing Language, Tone, and Word Choice
6. Analyzing Arguments
7. Relationships Between Texts
8. Plot
9. Understanding Characters
10. Theme
11. Style and Inferences
12. Understanding Point of View
13. Figurative Language
14. Parts of the Sentence
15. Independent and Subordinate Clauses
16. Sentence Errors
17. Parallel Structure and Agreement
18. Capitalization and Punctuation
19. Possessives and Contractions
20. Commonly Confused Words/Homonyms
21. Understanding the Writing Prompt
22. Planning and Organizing Your Writing
23. Developing a Thesis
24. Gathering Evidence
25. Writing Your Response
26. Revising, Editing, and Polishing
27. Review Test

GED® Test Prep

Unit 2: Mathematical Reasoning

Assignments

1. Overview and Diagnostic Test
2. Numbers, Value, and Order of Operations
3. Place Value and Rounding
4. Factors, Multiples, and Exponents
5. Fractions
6. Decimals
7. Operating on Fractions and Decimals
8. Ratios
9. Proportion
10. Percentages
11. Percentages and Averages
12. Applications
13. Pictographs, Line Plots, Histograms
14. Interpreting Data: Tables and Graphs
15. Picture, Bar, and Pie Charts
16. Probability
17. Statistics
18. The Pictograph and Bar Graph
19. Combinations and Permutations
20. Measurement
21. Units and Conversion
22. Formula Review
23. Two-dimensional Figures
24. Triangle, Pythagorean Theorem
25. Three-dimensional Figures
26. Similar Figures and Scale Drawings
27. The Number Line, Power, Roots
28. Scientific Notation and Algebraic Expressions
29. Polynomials: Add and Subtract
30. Polynomials: Divide and Multiply
31. Algebraic Expressions and Variables
32. Expressions, Variables, and Exponents
33. More Expressions, Variables, and Exponents
34. Exponential Expressions
35. Exponential Functions
36. Simplifying Radicals
37. Dividing Radicals
38. Equations
39. Functions
40. Linear Equations
41. Inequalities
42. Verbal Problems
43. Review of Algebra (Part 1)
44. Review of Algebra (Part 2)
45. Review of Algebra (Part 3)
46. Graphing and Coordinate Geometry
47. Coordinate Graphs
48. Graphing Functions
49. Review Test

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GED® Test Prep

Unit 3: Social Studies

Assignments

1. Overview and Diagnostic Test
2. Understanding Texts and Analyzing Point of View
3. Interpreting Visual Elements
4. Evaluating Evidence, Integrating Content
5. Report: Bias, Propaganda, and Point of View
6. American Revolution
7. Civil War, Westward Expansion
8. The Progressive Era
9. The Civil Rights Era
10. The Role of the U.S. in the World
11. The Constitution
12. Branches of Government
13. Political Parties and Voting
14. Economic Concepts and the U.S. System
15. The Economy and the Government
16. Labor/Consumer Issues
17. Early Civilizations
18. Exploration and Colonization
19. Report: Regional Lifestyles
20. Current World Issues
21. Report: Eras and Issues
22. Review Test

GED® Test Prep

Unit 4: Science

Assignments

1. Overview and Diagnostic Test
2. Scientific Theories
3. Scientific Method
4. Conducting Investigations
5. Reasoning and Evaluating
6. Project: Research a Scientific Theory
7. Cell Structures and Functions
8. Cell Division and Reproduction
9. Ecosystems and Food Chains
10. Human Body Systems and Health
11. Reproduction, Heredity, and Genetics
12. Theories of Evolution and Natural Selection
13. Earth and Earth's Resources
14. Weather and Climate
15. Solar System and the Universe
16. Atoms and Molecules
17. The Periodic Table
18. Energy, Motion, and Forces
19. Types of Energy
20. Science Review Test

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GED® Test Prep

Unit 5: GED Practice Test

Assignments

1. Reasoning Through Language Arts, Part 1
2. Reasoning Through Language Arts, Part 2
3. Reasoning Through Language Arts, Part 3
4. Mathematical Reasoning, Part 1
5. Mathematical Reasoning, Part 2
6. Social Studies
7. Science, Part 1
8. Science, Part 2
9. Reasoning Through Language Arts, Part 1: Alternate Test 1*
10. Reasoning Through Language Arts, Part 2: Alternate Test 1*
11. Reasoning Through Language Arts, Part 3: Alternate Test 1*
12. Mathematical Reasoning, Part 1: Alternate Test 1*
13. Mathematical Reasoning, Part 2: Alternate Test 1*
14. Social Studies: Alternate Test 1*
15. Science, Part 1: Alternate Test 1*
16. Science, Part 2: Alternate Test 1*
17. Reasoning Through Language Arts, Part 1: Alternate Test 2*
18. Reasoning Through Language Arts, Part 2: Alternate Test 2*
19. Reasoning Through Language Arts, Part 3: Alternate Test 2*
20. Mathematical Reasoning, Part 1: Alternate Test 2*
21. Mathematical Reasoning, Part 2: Alternate Test 2*
22. Social Studies: Alternate Test 2*
23. Science, Part 1: Alternate Test 2*
24. Science, Part 2: Alternate Test 2*
25. Reasoning Through Language Arts, Part 1: Alternate Test 3*
26. Reasoning Through Language Arts, Part 2: Alternate Test 3*
27. Reasoning Through Language Arts, Part 3: Alternate Test 3*
28. Mathematical Reasoning, Part 1: Alternate Test 3*
29. Mathematical Reasoning, Part 2: Alternate Test 3*
30. Social Studies: Alternate Test 3*
31. Science, Part 1: Alternate Test 3*
32. Science, Part 2: Alternate Test 3*

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HiSet Test Prep

HiSET® Test Prep

Unit 1: Language Arts - Reading Test

Assignments

1. Overview and Diagnostic Test
2. Identify Main Ideas and Summarize Text
3. Cause and Effect, Compare and Contrast
4. Drawing Conclusions and Making Generalizations
5. Analyzing Language, Tone, and Word Choice
6. Analyzing Arguments
7. Plot
8. Understanding Characters
9. Theme
10. Style and Inferences
11. Understanding Point of View
12. Figurative Language
13. Process Categories
14. Review Test

HiSET® Test Prep

Unit 2: Language Arts - Writing Test

Assignments

1. Overview and Diagnostic Test
2. Parts of the Sentence
3. Independent and Subordinate Clauses
4. Sentence Errors
5. Parallel Structure and Agreement
6. Capitalization and Punctuation
7. Possessives and Contractions
8. Commonly Confused Words/Homonyms
9. Understanding the Writing Prompt
10. Planning and Organizing Your Writing
11. Developing a Thesis
12. Gathering Evidence
13. Writing Your Response
14. Revising, Editing, and Polishing
15. Review Test

HiSET® Test Prep

Unit 3: Mathematics

Assignments

1. Overview and Diagnostic Test
2. Numbers, Value, and Order of Operations
3. Real and Complex Numbers
4. Factors, Multiples, and Exponents
5. Ratios, Proportions, Percents
6. Measurable Attributes of Objects
7. Techniques, Formulas, and Tools for Measuring
8. Properties of Geometric Figures
9. Theorems of Lines and Triangles
10. Perimeter, Surface Area, Volume, Length, Angles
11. Counting and Distribution
12. Linear Relationships
13. Probability
14. Statistics
15. Combinations and Permutations
16. Algebraic Symbols and Functions
17. Linear and Nonlinear Functions and Inequalities
18. Simplifying Expressions, Functions
19. Expressions, Relations, Equations
20. Process Categories
21. Review Test

HiSET® Test Prep

Unit 4: Social Studies

Assignments

1. Overview and Diagnostic Test
2. American Revolution
3. Civil War, Westward Expansion
4. The Progressive Era, Civil Rights
5. Major Eras in World History
6. The Role of the U.S. in the World
7. Citizenship and Civic Ideals
8. Different Systems of Government
9. The Role of the Citizen: Rights and Responsibilities
10. Economic Concepts and the U.S. System
11. The Economy and the Government
12. Supply and Demand/Needs and Wants
13. Physical and Human Geography
14. Economic, Political, and Social Factors
15. Using Maps and Other Tools
16. Social Studies Process Categories
17. Review Test

HiSET® Test Prep

Unit 5: Science

Assignments

1. Overview and Diagnostic Test
2. Cell Structures and Function
3. Cell Division and Reproduction
8. Geologic Structures and Processes
9. Solar System and the Universe
10. Atoms and Molecules

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4. Ecosystems and Food Chains
5. Human Body Systems and Health
6. Reproduction, Heredity, and Genetics
7. Earth and Earth's Resources
11. Energy, Motion, and Forces
12. Types of Energy
13. Process Categories
14. Review Test

HiSET® Test Prep

Unit 6: HiSET® Practice Test

Assignments

1. Reasoning Through Language Arts - Reading
2. Reasoning Through Language Arts - Writing, Part 1
3. Reasoning Through Language Arts - Writing, Part 2
4. Mathematical Reasoning, Part 1
5. Mathematical Reasoning, Part 2
6. Social Studies, Part 1
7. Science, Part 1
8. Reasoning Through Language Arts - Reading: Alternate Test 1*
9. Reasoning Through Language Arts - Writing, Part 1: Alternate Test 1*
10. Reasoning Through Language Arts - Writing, Part 2: Alternate Test 1*
11. Mathematical Reasoning, Part 1: Alternate Test 1*
12. Mathematical Reasoning, Part 2: Alternate Test 1*
13. Social Studies, Part 1: Alternate Test 1*
14. Science, Part 1: Alternate Test 1*
15. Reasoning Through Language Arts - Reading: Alternate Test 2*
16. Reasoning Through Language Arts - Writing, Part 1: Alternate Test 2*
17. Reasoning Through Language Arts - Writing, Part 2: Alternate Test 2*
18. Mathematical Reasoning, Part 1: Alternate Test 2*
19. Mathematical Reasoning, Part 2: Alternate Test 2*
20. Social Studies, Part 1: Alternate Test 2*
21. Science, Part 1: Alternate Test 2*
22. Reasoning Through Language Arts - Reading: Alternate Test 3*
23. Reasoning Through Language Arts - Writing, Part 1: Alternate Test 3*
24. Reasoning Through Language Arts - Writing, Part 2: Alternate Test 3*
25. Mathematical Reasoning, Part 1: Alternate Test 3*
26. Mathematical Reasoning, Part 2: Alternate Test 3*
27. Social Studies, Part 1: Alternate Test 3*

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TASC Test Prep

TASC Test Prep

Unit 1: Language Arts - Reading Literacy

Assignments

1. Overview and Diagnostic Test
2. Identify Main Ideas and Summarize Text
3. Analyze the Structures of Texts
4. Cause and Effect, Compare and Contrast
5. Drawing Conclusions and Making Generalizations
6. Analyzing Language, Tone, and Word Choice
7. Understanding Academic Language
8. Analyzing Arguments and Claims
9. Relationships Between Texts
10. Plot and Theme
11. Understanding Characters
12. Understanding Point of View
13. Figurative Language
14. Evaluate Diverse Media and Formats
15. Review Test

TASC Test Prep

Unit 2: Language Arts - Writing

Assignments

1. Overview and Diagnostic Test
2. Sentence Structure
3. Sentence Errors: Run-ons and Comma Splices, and Parallelism
4. Capitalization and Punctuation
5. Possessives and Contractions
6. Commonly Confused Words/Homonyms
7. Understanding the Writing Prompt
8. Planning and Organizing Your Writing
9. Developing a Thesis
10. Write Arguments to Support a Claim
11. Strengthening Writing
12. Review Test

TASC Test Prep

Unit 3: Mathematics

Assignments

1. Overview and Diagnostic Test
2. Numbers, Value, and Order of Operations
3. Complex Numbers
4. Expressions and Equations
5. Measurement
6. Perimeter, Surface Area, Volume, Length, Angles
7. Expressing Geometric Figures
8. Lines and Triangles
9. Circles
10. Probability
11. Statistics
12. Combinations and Permutations
13. Algebraic Expressions and Functions
14. Polynomials
15. Interpreting Functions
16. Reasoning with Equations and Inequalities
17. Review Test

TASC Test Prep

Unit 4: Social Studies

Assignments

1. Overview and Diagnostic Test
2. Civil War and Reconstruction
3. The Industrial Era
4. Post-war United States (1940s-1970s)
5. Age of Revolutions (1750-1914)
6. Crisis and Achievement (1900-1945)
7. The World Since 1945
8. The Constitution
9. The Role of the Citizen
10. Politics and Government
11. Economic Basics
12. Government and Economics
13. Micro- and Macroeconomics
14. Places and Regions
15. Environment and Society
16. Review Test

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TASC Test Prep

Unit 5: Social Studies

Assignments

1. Overview and Diagnostic Test
2. Cell Structures and Function
3. Cell Division and Reproduction
4. Ecosystems
5. Human Body Systems and Health
6. Heredity and Genetics
7. Theories of Evolution and Natural Selection
8. Earth and Earth's Resources
9. Earth Systems
10. Earth's Place in the Universe
11. Matter
12. Motion and Forces
13. Types of Energy
14. Waves
15. Review Test

TASC Test Prep

Unit 6: TASC Practice Tests

Assignments

1. Reasoning Through Language Arts, Part 1
2. Reasoning Through Language Arts, Part 2
3. Reasoning Through Language Arts, Part 3
4. Mathematical Reasoning, Part 1
5. Mathematical Reasoning, Part 2
6. Social Studies, Part 1
7. Science, Part 1
8. Reasoning Through Language Arts, Part 1: Alternate Test 1*
9. Reasoning Through Language Arts, Part 2: Alternate Test 1*
10. Reasoning Through Language Arts, Part 3: Alternate Test 1*
11. Mathematical Reasoning, Part 1: Alternate Test 1*
12. Mathematical Reasoning, Part 2: Alternate Test 1*
13. Social Studies, Part 1: Alternate Test 1*
14. Science, Part 1: Alternate Test 1*
15. Reasoning Through Language Arts, Part 1: Alternate Test 2*
16. Reasoning Through Language Arts, Part 2: Alternate Test 2*
17. Reasoning Through Language Arts, Part 3: Alternate Test 2*
18. Mathematical Reasoning, Part 1: Alternate Test 2*
19. Mathematical Reasoning, Part 2: Alternate Test 2*
20. Social Studies, Part 1: Alternate Test 2*
21. Science, Part 1: Alternate Test 2*
22. Reasoning Through Language Arts, Part 1: Alternate Test 3*
23. Reasoning Through Language Arts, Part 2: Alternate Test 3*
24. Reasoning Through Language Arts, Part 3: Alternate Test 3*
25. Mathematical Reasoning, Part 1: Alternate Test 3*
26. Mathematical Reasoning, Part 2: Alternate Test 3*
27. Social Studies, Part 1: Alternate Test 3*
28. Science, Part 1: Alternate Test 3*

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Placement Tests

Bible Placement Test

Bible Placement Test

Placement Test Bible Level 3

Assignments

1. You Can Use The Bible
2. The Life Of Jesus Christ
3. O Joseph! What Was God's Plan?
4. Living For God
5. God Takes Care Of His People
6. The Bible Is The Word Of God
7. Archaeology And The Bible
8. God Gave Us The Need For Friends
9. God Wants Man To Help Man

Bible Placement Test

Placement Test Bible Level 4

Assignments

1. How Can I Live For God?
2. God's Knowledge
3. Saul Begins To Live For God
4. The Bible And Me
5. God Cares For Us
6. How Can I Know God Exists?
7. Geography Of The Old Testament
8. God-Given Worth
9. Witnessing For Jesus

Bible Placement Test

Placement Test Bible Level 5

Assignments

1. How Others Lived For God
2. Angels
3. The Presence Of God
4. Bible Methods And Structure
5. The Christian In The World
6. Proving What We Believe
7. Paul's Missionary Journeys
8. God Created Man For Eternity
9. Authority And Law

Bible Placement Test

Placement Test Bible Level 6

Assignments

1. From Creation To Moses
2. From Joshua To Samuel
3. The Kingdom Of Israel
4. The Divided Kingdom
5. Captivity And Restoration
6. The Life Of Jesus
7. The Followers Of Jesus
8. The Apostle Paul
9. Hebrews And General Epistles

Bible Placement Test

Placement Test Bible Level 7

Assignments

1. Worship
2. Mankind
3. Attributes Of God
4. Christian Evidences
5. Living The Balanced Life
6. The Psalms
7. Life Of Christ - Part 1
8. Life Of Christ - Part 2
9. Life Of Christ - Part 3

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Bible Placement Test

Placement Test Bible Level 8

Assignments

1. Prayer
2. Sin And Salvation
3. Attributes Of God
4. Early Church Leaders
5. Early Church History
6. The Early Churches
7. The Book Of Proverbs
8. Choices
9. Understanding The Family

Bible Placement Test

Placement Test Bible Level 9

Assignments

1. Introduction To The New Testament
2. The Gospels
3. The Acts Of The Apostles
4. The Pauline Epistles
5. The General Epistles
6. The Revelation Of Jesus Christ
7. Biblical Literature
8. How To Share Christ
9. God's Will For Your Life

Bible Placement Test

Placement Test Bible Level 10

Assignments

1. Creation To Abraham
2. Abraham Through Joseph
3. The Exodus And The Wilderness
4. Israel In Canaan
5. The Judges And Spiritual Decline
6. The Kingdom
7. The Divided Kingdom
8. The Remaining Kingdom
9. The Captivity

Bible Placement Test

Placement Test Bible Level 11

Assignments

1. The Faithfulness Of God
2. Romans Part I
3. Romans Part Ii
4. The Doctrine Of Jesus Christ
5. The Nation Of Israel
6. The History Of The Canon
7. Friendship, Dating, And Marriage
8. The Pursuit Of Happiness
9. Apologetics

Bible Placement Test

Placement Test Bible Level 12

Assignments

1. Knowing Yourself
2. Knowing About Christian Ministries
3. Choosing A Christian Ministry
4. Godhead
5. Attributes Of God: Holiness, Goodness
6. The Epistles Of James And John
7. Biblical Literature (Daniel)
8. Comparative Religions
9. Wisdom For Today's Youth

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History and Geography Placement

History Placement Test

History and Geography Placement Test Level 3

Assignments

1. Geography
2. New England States
3. Mid-Atlantic States
4. Southern-Atlantic States
5. Southern States
6. Great Lakes States
7. Midwestern States
8. Mountain States
9. Pacific States

History Placement Test

History and Geography Placement Test Level 4

Assignments

1. Our Earth
2. Seaport Cities
3. Desert Lands
4. Grasslands
5. Tropical Rainforests
6. The Polar Region
7. Mountain Countries
8. Living in Island Countries
9. North America

History Placement Test

History and Geography Placement Test Level 5

Assignments

1. Exploring the New World
2. Colonial American Life
3. Thirteen Colonies Became a New Nation
4. New Lands and Troubled Times
5. The United States Becomes a World Leader
6. United by Transportation and Communication
7. The United States - One Nation With Many Regions
8. Our Southern Neighbors
9. Canada: Our Northern Neighbors

History Placement Test

History and Geography Placement Test Level 6

Assignments

1. World Geography
2. The Cradle of Civilization
3. The Civilizations of Greece and Rome
4. Life in the Middle Ages
5. Western Europe
6. Eastern Europe
7. Africa
8. Six South American Countries
9. Seven South American Countries

History Placement Test

History and Geography Placement Test Level 7

Assignments

1. What is History?
2. What is Geography?
3. The United States
4. Anthropology - The Study of Mankind
5. Sociology - Man in Groups
6. Anthropology and Sociology of the United States
7. Economics - Resources and Needs
8. Political Science
9. Economics and Politics of a State

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History Placement Test

History and Geography Placement Test Level 8

Assignments

1. European Backgrounds
2. The Colonization of America
3. War for Independence
4. The Emergence of a Nation
5. The Westward Movement
6. The Civil War
7. The Industrial Nation
8. Twentieth Century World Power
9. The United States in a Changing World

History Placement Test

History and Geography Placement Test Level 9

Assignments

1. Introduction to Geography
2. Human Geography
3. North America
4. Central America, South America, and the Caribbean
5. Oceania, Australia, and Antarctica
6. Western Europe
7. Eastern Europe and Russia
8. Sub-Saharan Africa
9. North Africa and Southwest Asia
10. Central, South, East, and Southeast Asia

History Placement Test

History and Geography Placement Test Level 10

Assignments

1. Ancient Civilizations I
2. Ancient Civilizations II
3. The Medieval World
4. Renaissance and Reformation
5. Growth of World Empires
6. The Age of Revolution
7. The Industrial Revolution
8. Two World Wars
9. The Contemporary World

History Placement Test

History and Geography Placement Test Level 11

Assignments

1. Foundations of the American Republic
2. Development of Constitutional Government
3. National Expansion
4. A Nation Divided
5. A Nation Divided and United
6. United States Involvement at Home and Abroad
7. The Search for Peace
8. A Nation at War
9. Contemporary America

History Placement Test

History and Geography Placement Test Level 12

Assignments

1. International Governments
2. United States Government
3. The American Party System
4. History of Governments
5. The Christian and His Government
6. Free Enterprise
7. Business and You
8. The Stock Market
9. Budget and Finance
10. Banking
11. International Issues

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Language Arts Placement Test

Language Arts Placement Test

Language Arts Placement Test Level 3

Assignments

1. Vowels, Main Idea, Capitalization
2. Sentences, Capitalization, ABC Order
3. Dictionary Skills, Word Parts, Vocabulary
4. Parts of Speech, Irregular Vowels, Comprehension
5. Reading to Understand, Commas, Silent Letters
6. Cause and Effect, Homographs, Haiku Poetry
7. Following Directions, Suffixes, Pronouns, Friendly Letters
8. Reading a Play, Comparing with Adjectives, Root Words
9. Classifying, References, Thank-You Letters, Predicting Outcomes

Language Arts Placement Test

Language Arts Placement Test Level 4

Assignments

1. Reading and Writing
2. Reading For Meaning
3. Word Play
4. Words in Season
5. Reading and Writing Stories
6. Rhymes and Reports
7. Forms of Literature
8. Language in Literature
9. Reading and Researching

Language Arts Placement Test

Language Arts Placement Test Level 5

Assignments

1. Jesus, Our Example
2. Working with Information
3. The Story of our Language
4. Effective Communication
5. Reading and Writing Stories
6. Poetry
7. Reading Comprehension
8. Working with Words
9. Reading and Study Skills

Language Arts Placement Test

Language Arts Placement Test Level 6

Assignments

1. Elements of Grammar
2. Grammar Usage and Placement
3. Reading Skills
4. Writing Skills
5. Newspapers and Propaganda
6. Literary Forms
7. Reading for a Purpose
8. Poetry
9. Bible Literature

Language Arts Placement Test

Language Arts Placement Test Level 7

Assignments

1. Nouns, Pronouns, Affixes, and Using Words Correctly
2. Usage, Speaking and Listening, Verb Tenses
3. Biographies and Grammar (Affixes)
4. Structure of Written and Spoken Language
5. The English Language
6. Mechanics and Structure of English
7. The Hiding Place: A Study Guide
8. Nonfiction and Communication
9. Writing and Pronunciation

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Language Arts Placement Test

Language Arts Placement Test Level 8

Assignments

1. Communication
2. The English Language
3. Punctuation and Literature
4. Words and How to Use Them
5. Correct Language Usage
6. Language and Literature
7. Critical Reading and Paragraph Skills
8. Writing, Listening, and Reading
9. The English Language

Language Arts Placement Test

Language Arts Placement Test Level 9

Assignments

1. The Structure of Language
2. Nature of Language
3. Words and Writing
4. Language in Literature
5. Reading With Skill
6. Persuasion, Visual Aids, and Poetry
7. Communication
8. The Library and Drama
9. Studies in the Novel

Language Arts Placement Test

Language Arts Placement Test Level 10

Assignments

1. Language Structure
2. Writing Effective Sentences
3. Writing and Reading Skills
4. Speaking and Listening
5. The Development of English
6. The Short Story
7. Studies in the Novel
8. Drama
9. Poetry

Language Arts Placement Test

Language Arts Placement Test Level 11

Assignments

1. Varieties of English
2. Sentence Elements
3. Sentence Workshop
4. Meaning and Main Ideas
5. Poetry
6. Nonfiction
7. American Drama
8. The American Novel
9. Research

Language Arts Placement Test

Language Arts Placement Test Level 12

Assignments

1. The Worth of Words
2. The Structure of Language
3. Reading and Research
4. Language: God's Gift to Man
5. Medieval English Literature
6. Elizabethan Literature
7. Seventeenth/Eighteenth-Century English Literature
8. Romantic and Victorian Poetry
9. Creative Writing

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Mathematics Placement Test

Mathematics Placement Test

Mathematics Placement Test Level 3

Assignments

1. Whole Numbers
2. Number Patterns
3. Whole Numbers and Fractions
4. Place Value
5. Measurement, Shapes, and Concept Review
6. Multiplication, Addition and Subtraction
7. Operations, Likelihood and Probability
8. Measurement, Fractions and Decimals
9. Review Multiple Concepts

Mathematics Placement Test

Mathematics Placement Test Level 4

Assignments

1. Number Sense and Place Value
2. Rounding and Estimation
3. Whole Numbers and Fractions
4. Lines and Shapes
5. Division and Measurement
6. Multiplication and Fractions
7. Fractions and Patterns
8. Division and Fractions
9. Decimals and Fractions
10. Graphing and Review

Mathematics Placement Test

Mathematics Placement Test Level 5

Assignments

1. Place Value, Addition, and Subtraction
2. Multiplying Whole Numbers and Decimals
3. Dividing Whole Numbers and Decimals
4. Algebra and Graphing
5. Measurement
6. Factors and Fractions
7. Fraction Operations
8. Data Analysis and Probability
9. Geometry
10. Perimeter, Area, and Volume

Mathematics Placement Test

Mathematics Placement Test Level 6

Assignments

1. Whole Numbers and Algebra
2. Data Analysis
3. Decimals
4. Fractions
5. Fraction Operations
6. Ratio, Proportion and Percent
7. Probability and Geometry
8. Geometry and Measurement
9. Integers and Transformations
10. Equations and Functions

Mathematics Placement Test

Mathematics Placement Test Level 7

Assignments

1. Integers
2. Fractions
3. Decimals
4. Patterns and Equations
5. Ratios and Proportions
6. Probability and Graphing
7. Data Analysis
8. Geometry
9. Measurement and Area
10. Surface Area and Volume

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Mathematics Placement Test

Mathematics Placement Test Level 8

Assignments

1. Pre-Algebra: The Real Number System
2. Pre-Algebra: Integers
3. Pre-Algebra: Rational Numbers
4. Pre-Algebra: Proportional Reasoning
5. Pre-Algebra: Functions
6. Pre-Algebra: Measurement
7. Pre-Algebra: Plane Geometry
8. Pre-Algebra: Solid Figures
9. Pre-Algebra: Data Analysis
10. Pre-Algebra: Probability

Mathematics Placement Test

Mathematics Placement Test Level 9

Assignments

1. Algebra I: Foundations of Algebra
2. Algebra I: Linear Equations
3. Algebra I: Functions
4. Algebra I: Inequalities
5. Algebra I: Linear Systems
6. Algebra I: Polynomials
7. Algebra I: Exponential and Radical Functions
8. Algebra I: Quadratics
9. Algebra I: Rational Expressions
10. Algebra I: Probability and Statistics

Mathematics Placement Test

Mathematics Placement Test Level 10

Assignments

1. Geometry: Introduction
2. Geometry: Logic
3. Geometry: Angles and Parallels
4. Geometry: Congruent Triangles and Quadrilaterals
5. Geometry: Similar Polygons
6. Geometry: Circles
7. Geometry: Area and Volume
8. Geometry: Coordinate Geometry
9. Geometry: Transformations

Mathematics Placement Test

Mathematics Placement Test Level 11

Assignments

1. Algebra II: Set, Structure, and Function
2. Algebra II: Numbers, Sentences, and Problems
3. Algebra II: Linear Equations and Inequalities
4. Algebra II: Polynomials
5. Algebra II: Algebraic Fractions
6. Algebra II: Real Numbers
7. Algebra II: Quadratic Relations and Systems
8. Algebra II: Exponential Functions
9. Algebra II: Counting Principles

Mathematics Placement Test

Mathematics Placement Test Level 12

Assignments

1. Precalculus: Relations and Functions
2. Precalculus: Functions
3. Precalculus: Trigonometric Functions
4. Precalculus: Circular Functions and their Graphs
5. Precalculus: Identities and Functions of Multiple Angles
6. Precalculus: Application of Trigonometric Functions
7. Precalculus: Inverse Trigonometric Functions and Polar Coordinates
8. Precalculus: Quadratic equations
9. Precalculus: Probability
10. Precalculus: Calculus and Review

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Science Placement Test

Science Placement Test

Science 3 Placement Test

Assignments

1. You Grow And Change
2. Plants
3. Animals: Growth And Change
4. You Are What You Eat
5. Properties Of Matter
6. Sounds And You
7. Time And Seasons
8. Rocks And Their Change
9. Heat Energy

Science Placement Test

Science 4 Placement Test

Assignments

1. Plants
2. Animals
3. Man And His Environment
4. Machines
5. Electricity And Magnetism
6. Water And Matter
7. Weather
8. Our Solar System And The Universe
9. The Planet Earth

Science Placement Test

Science 5 Placement Test

Assignments

1. Cells
2. Plants: Life Cycles
3. Animals: Life Cycles
4. Balance In Nature
5. Transformation Of Energy
6. Records In The Rock: The Flood
7. Records In The Rock: Fossils
8. Records In Rock: Geology
9. Cycles In Nature

Science Placement Test

Science 6 Placement Test

Assignments

1. Plant Systems
2. Animal Systems
3. Plants And Animal Behavior
4. Molecular Genetics
5. Chemical Structure And Change
6. Light And Sound
7. Motion And Its Measurement
8. Spaceship Earth
9. Astronomy And The Stars

Science Placement Test

General Science I Placement Test

Assignments

1. What Is Science?
2. Perceiving Things
3. Earth In Space (Part 1)
4. Earth In Space (Part 2)
5. The Atmosphere
6. Weather
7. Climate
8. The Human Anatomy (Part 1)
9. The Human Anatomy (Part 2)

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Science Placement Test

General Science II Placement Test

Assignments

1. Science And Society
2. Structure Of Matter (Part 1)
3. Structure Of Matter (Part 2)
4. Health And Nutrition
5. Energy (Part 1)
6. Energy (Part 2)
7. Machines (Part 1)
8. Machines (Part 2)
9. Balance In Nature

Science Placement Test

Integrated Physics and Chemistry Placement Test

Assignments

1. Explorations In Physical Science
2. The Structure Of Matter
3. Matter And Change
4. States Of Matter
5. Motion And Forces
6. Work And Energy
7. Heat Flow
8. Electricity And Magnetism
9. Waves
10. Chemistry And Physics In Our World

Science Placement Test

Biology Placement Test

Assignments

1. Taxonomy: Key To Organization
2. Chemistry Of Life
3. Cells
4. Cell Division And Reproduction
5. Genetics: God's Plan For Inheritance
6. Microbiology
7. Plants: Green Factories
8. Human Anatomy And Physiology
9. Ecology, Pollution, And Energy
10. Principles And Applications Of Biology

Science Placement Test

Chemistry Placement Test

Assignments

1. Measurement And Analysis
2. Starting The Investigation: How To Identify Elements, Compounds, And Mixtures
3. Exploring Laws For Gases And Conservation Of Mass
4. The Discovery Of Atoms: Nature's Building Blocks
5. Molecular Structure
6. Chemical Reactions, Rates, And Equilibrium
7. Equilibrium Systems
8. Carbon Chemistry: Hydrocarbons
9. Carbon Chemistry: Functional Groups
10. Chemistry Review

Science Placement Test

Physics Placement Test

Assignments

1. Kinematics
2. Dynamics
3. Work And Energy
4. Introduction To Waves
5. Light
6. Static Electricity
7. Electric Currents
8. Magnetism
9. Atomic And Nuclear Physics
10. Review

(*) Indicates alternative assignment

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