

Grade Six Curriculum

Language Arts

Grade Level Goals:

Capitalization and Punctuation

Students will:

1. Recognize and correctly use conventions of standard English, spelling, capitalization, punctuation, including commas in nonrestrictive or parenthetical elements, parentheses, and hyphens in compound words.
2. Produce written text incorporating the proper formatting for dialogue.

Grammatical Structures

Students will:

1. Identify the subject, verb and complement in a sentence.
2. Identify and use direct and indirect objects and subject complements.
3. Recognize sentences as declarative, interrogative, imperative, or exclamatory.

Parts of Speech

Students will:

1. Categorize nouns, verbs, adjectives, pronouns and prepositional phrases by type.
2. Identify and use appositives.

Listening Skills

Students will:

1. Apply the listening skills listed in grades K through 5 curricula to interpret teacher selected topics and sources.

Vocabulary

Spelling

Students will:

1. Spell words based on sixth grade reading and content.

Acquisition

Students will:

1. Expand working vocabulary and apply vocabulary skills to reading, writing, and oral applications based on sixth grade reading content.
2. Indicate a word's origin.

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Literature

Literary Techniques

Students will:

1. Identify and explain hyperbole and onomatopoeia.
2. Interpret use of dialect within grade level text.

Literary Elements

Students will:

1. Interpret tone, and mood of words and phrases including figurative and connotative meanings.
2. Identify examples of flashback and how they relate to the plot.
3. Analyze character development through direct and indirect characterization.
4. Explain how author's point of view is used to convey theme.
5. Explain how an author develops the character's point of view.

Comprehension Skills

Students will:

1. Apply comprehension skills listed in the K – 5 curricula to analyze grade level text.

Literary Genres

Students will:

1. Read, discuss, compare and contrast culturally and historically diverse grade level appropriate literature including myths.
2. Explain the difference between poems, drama and prose referring to the structural elements.

Informational Text

Text Structure

Students will:

1. Describe how a sentence, paragraph or section supports the overall structure of the text (chronology, comparison, cause and effect, problem and solution).
2. Use information from different media or formats to comprehend topic.

Comprehension Skills

Students will:

1. Analyze how the main ideas and details are conveyed throughout a text.
2. Summarize a text without personal opinion or judgment.
3. Use details from the text to evaluate the accuracy and credibility of the information presented.
4. Analyze multiple texts on the same topic noting similarities and differences.

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Vocabulary Skills

Students will:

1. Identify and define academic and subject specific words and phrases, including figurative, connotative, and technical meanings, in a text relevant to sixth grade.

Speaking Skills

Students will:

1. Engage effectively in collaborative discussions relating to teacher selected sources.
2. Deliver oral presentations using appropriate public speaking techniques.

Research Process and Reference Skills

Students will:

1. Conduct research on a given topic.
2. Gather relevant information from credible print and digital sources.
3. Quote and paraphrase information without plagiarism.
4. Construct a presentation using a standard format.
5. Produce basic information for a citation page.

Writing

Writing Process

Students will:

1. Demonstrate the proper steps in the writing process.
2. Revise for ideas, organization, content, word choice, voice and fluency.
3. Proofread using conventions of correctly written English.

Sentence

Students will:

1. Construct and use simple and compound sentences in all writing applications.

Essay

Students will:

1. Write 5 paragraph essays using precise language, including figurative language. sensory details and purposeful dialogue.
2. Use topic specific vocabulary and relevant details.
3. Compose arguments that support claims with clear reasons and relevant evidence.

Math

Grade Level Goals:

Ratios and Proportional Relationships

Students will:

1. Describe a ratio relationship between two quantities.
2. Apply the concept of a unit rate associated with a ratio.
3. Use ratio and unit rate reasoning to solve real-world problems.

The Number System

Students will:

1. Divide fractions by fractions.
2. Fluently divide multi-digit numbers using the standard algorithm.
3. Fluently add, subtract, multiply, and divide multi-digit decimals.
4. Determine greatest common factor and least common multiple of two whole numbers.
5. Describe the relationship between positive and negative numbers in relation to zero in real-world problems.
6. Recognize and represent a rational number as a point on the number line and on the coordinate plane.
7. Demonstrate ordering and absolute value of rational numbers.
8. Solve real-world problems by graphing points on the four quadrants of the coordinate plane.

Expressions and Equations

Students will:

1. Write and evaluate numerical expressions involving whole-number exponents.
2. Write, read, and evaluate expressions involving variables.
3. Apply the properties of operations to generate equivalent expressions.
4. Identify when two expressions are equivalent.
5. Reason and solve one-variable equations and inequalities.
6. Solve real-world problems by writing and solving equations.
7. Translate a verbal phrase into an inequality and graph the solution.
8. Represent and analyze quantitative relationships between dependent and independent variables.

Geometry

Students will:

1. Calculate the area of triangles, quadrilaterals, and polygons.
2. Calculate the volume of a right rectangular prism.
3. Draw polygons in the coordinate plane given coordinates for the vertices.
4. Represent three-dimensional figures and calculate the surface area.

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Statistics and Probability

Students will:

1. Investigate statistical variability.
2. Summarize and describe distributions.

Science

Grade Level Goals:

Students will:

1. Demonstrate an understanding of earth's surface and topography.
2. Identify the main layers of the earth and their characteristics.
3. Identify the properties of minerals.
4. Classify rocks as igneous, metamorphic, or sedimentary.
5. Understand the forces driving the theory of plate tectonics, volcanoes, and earthquakes.
6. Identify the agents of erosion and weathering.
7. Identify the layers of the atmosphere.
8. Explain the factors that influence weather and climate.
9. Identify the objects in space.
10. Design and conduct scientific investigations demonstrating an understanding of the Scientific Method and metric measurement.

Grade Level Content:

1. Topography
2. Rocks and Minerals
3. Plate Tectonics
4. Earthquakes and Volcanoes
5. Erosion and Weathering
6. Earth's Structure
7. Astronomy
8. Meteorology
9. Scientific Method (observation, inferences, hypothesis, independent/dependent variable, procedure, conclusion)
10. Metric Measurement
11. Graph and charting information

Social Studies / Geography/World History

Grade Level Goals:

Students will:

1. Gain an understanding of the basic fundamentals of geography including terms, reading maps and the five themes.
2. Locate different world geographical areas from the birth of Jesus Christ to the 20th century on a map.
3. Understand how links to the past help to build links to the future.
4. Describe famous people in early civilization and how they affect our modern world.
5. Uncover clues to the past to aid in the understanding of the development of cultures from hunter-gatherers to the Roman Empire.
6. Evaluate the various types of trade and the social classes that produced early high-powered civilizations.
7. Identify different social classes in early civilization.
8. Analyze the ways and means of a functional law in early civilization.
9. Participate in an open forum of current events which may depict areas of early civilization which still exist today.

Grade Level Content:

1. Introduction to basic geography skills and five themes: place, human/environment interaction, movement, location, region.
2. Ancient Mesopotamia
3. Ancient Greece
4. Ancient Rome
5. Southeast Asia, Africa, Medieval Europe, North and South America, Latin America, as well as the Russian Frontier
6. World Leaders of Ancient civilizations such as: Kublai Khan, Genghis Khan, Mohammad, Emperor Justinian, Mansa Musa, Charlemagne, Elizabeth I and Philip the Navigator as well as Peter the Great
7. Navigation and exploration throughout Southeast Asia, India, China, Africa and the New World of North and South America's and its' affect on those countries of established populations
8. Judaism, Hinduism, Muslim, Christianity (Catholicism and Protestant), and Buddhism, as well as serfs, lords and various kingships
9. Feudal laws, religious laws, dynasties, and imperialism as well as: monarchy, oligarchy, and dictatorships
10. World leaders past and present, current and past political issues, and economic social issues in Asia, Europe, as well as in North and South America

Religion

Grade Level Content:

Students will:

1. Describe the structure of the Bible, locate passages, and name the various literary forms in Scripture.
Describe the meaning of “covenant” and how God remains faithful to us in our lives.
3. Identify the patriarchs and matriarchs of the Old Testament and describe their contributions to the growth of our faith.
4. Show appreciation for the Bible as the inspired word of God.
5. Apply the teachings and lessons of Scripture to their lives by responding to the needs of others and by being people of service.
6. Identify Jesus as the fulfillment of the Old Testament Covenant.

Grade Level Content:

1. Structure of the Bible
2. Sacred events and significant persons in Scripture
3. Literary forms of the Bible
4. Concept of covenant
5. Ten Commandments and The Two Greatest Commandments
6. Corporal and Spiritual Works of Mercy and Beatitudes
7. Psalms and Scripture
8. Social teaching of the common good and dignity of the human person
9. Prayer: spontaneous, traditional, oral, and written (Introduce: Memorare, Prayer of St. Francis), Angelus, and prayer to the Holy Spirit.)