

Sixth Grade

Religion

Students will :

- Describe the structure of the Bible, locate passages, and name the various literary forms in the Scriptures
- Identify the Patriarchs, Prophets, and the Kings of the Old Testament and describe their contribution to the growth of our faith
- Describe the meaning of "covenant" in human experience and the special meaning of "covenant" between God and His people
- Show appreciation for the Bible as the inspired Word of God
- Apply the teachings and lessons of Scripture to their lives
- Identify Jesus and the fulfillment of the Old Testament Covenant

Language Arts

Goals :

- Learn to communicate through writing and speaking.
- Read using a variety of critical thinking skills.
- Learn in-depth literary elements.
- Read grade level instructional text
- Develop and apply grade level instructional vocabulary

Students will :

- Evaluate author's use of mood, foreshadowing, flashback, and point of view
- Identify theme in a short story
- Analyze story elements
- Identify transitive and intransitive verbs, correlate and subordinating conjunctions and complex sentences
- Diagram a sentence, properly identifying each part of speech
- Present one oral book report
- Distinguish use of multiple meaning words
- Identify and write different types of poetry (i.e. – haiku, cinquain, limerick)
- Write essay in form of personal narrative and description

Math

Students will :

- Identify numerical and variable expressions
- Solve one step addition, subtraction, multiplication, and division equations
- Identify order of operations
- Write verbal phrases as algebraic expressions
- Use a letter to represent an unknown in an equation
- Generate and use a formula
- Define the meaning of integers
- Describe the absolute value of a number
- Compare, order, and translate fractions, mixed numbers, and improper fractions
- Write decimals to ten thousandths place value
- Add, subtract, multiply, and divide decimals to ten thousandths place value
- Convert decimals to percents and fractions
- Identify terminating and repeating decimals
- Solve unit rates and prices
- Calculate simple interest
- Identify acute, right, obtuse, straight, supplementary, and complementary angles
- Classify polygons
- Solve for surface area of polygons
- Recognize linear and non-linear graphs
- Classify plane and space figures
- Identify misleading graphs
- Solve area of parallelograms and surface area of prisms
- Use scale drawings including map scales
- Simulate and conduct experiments for dependent and independent events in probability
- Choose a computational method

- Use a problem solving plan: guess, check, revise

Earth Science

Students will :

- *Laboratory*
 - Explain/observe laboratory safety rules
 - Identify and compare the metric units
- *The Universe*
 - Apply theories regarding the formation of the solar system to the characteristics of planet and other objects in the solar system
 - Research the main characteristics of asteroids, comets, and meteoroids
 - Relate the tilt of the Earth's axis and its position in reference to the sun to the Earth's seasons and length of days
- *The Planet Earth*
 - Describe the Earth's early atmosphere and changing processes
 - Compare the various layers of the atmosphere and describe the magnetosphere
 - Describe the physical properties of ocean water and the major features of the ocean floor
 - Name and describe the properties of the Earth's interior layers
 - State the locations of major zones of volcanic activity
 - Discuss continental drift, ocean-floor spreading, and plate tectonics, and list major lithospheric plates
- *Rocks and Minerals*
 - Differentiate among metals, nonmetals, ores, and gemstones
 - Explain the rock cycle
- *Land Biomes in the United States*
 - Name the six major land biomes of the United States
 - Describe the plant life and animal life of the six major land biomes of the United States
- *Energy Resources*
 - Identify the three primary fossil fuels
 - Discuss and research the need for alternative energy resources

Social Studies

Students will :

- Analyze the feudal system
- Identify Charlemagne as a powerful world leader
- Describe duties of serfs, knights, nobles, and kings
- Describe function and characteristics of a castle and manor
- Explain the importance of the Magna Carta
- Identify different points of view in writing
- Analyze the role of the Catholic Church in the Middle Ages
- Analyze and describe the Crusades
- Analyze the affects of the Black plague in Europe
- Identify the major artists and scientists of the Renaissance
- Describe inventions and their effects on people from the Renaissance
- Explain how and why the Reformation occurred
- Describe the impact Martin Luther, Henry VIII, and Elizabeth I had on Europe and the world
- Identify and describe major characteristics of African kingdoms (Ethiopia, Kush, Aksum, Ghana, Mali, Swahili, Zimbabwe)
- Describe the affects of the salt, gold, and ivory trade routes of Africa, Europe, and Asia
- Identify and describe major characteristics of Asian empires (Ottoman, Indian Moguls, Khmer, Mongolia, China, feudal Japan)
- Analyze the affect of Marco Polo's travels
- Explain how inventions and scientific advances led to the age of exploration in Europe
- Analyze the credibility of a source in writing
- Analyze the affects the triangular trade had on America, Europe, and Africa
- Describe how cash crops influenced the development of North and South America
- Identify the effects of the American Revolution on other countries
- Identify and describe major characteristics of world revolutions (French, Haitian, Mexican, Russian, Indian)
- Describe major inventors and inventions of Industrial revolution and their impact on the twentieth century
- Analyze the beliefs of Karl Marx and socialism
- Define imperialism and identify examples of it around the world

- Explain how Japan became more powerful in the early twentieth century
- Explain how the USSR was formed and became powerful after the Russian revolution
- Analyze world leaders of World War II (Stalin, Hitler, FDR, Churchill)
- Analyze conditions in Germany from WWI until WWII and how that contributed to Holocaust and WWII
- Describe the advance of communism around the world after WWII
- Analyze political cartoons
- Identify the new nations formed in the Middle East after WWII
- Describe problems in creating the nation of Israel in the Middle East
- Identify reasons why USSR collapsed, fall of communism in Europe
- Analyze the end of apartheid in South Africa

Library

Students will :

- Increase proficiency in conducting Internet searches based on same criteria as fifth grade
- Understand the concept of plagiarism
- Summarize and paraphrase information from a library resource
- Be able to create a simple *Works Cited* page
- Formulate questions to search for appropriate materials
- Interpret meaning from many forms of literature
- Evaluate sources, both electronic and print
- Interpret and use information from a variety of print and non-print sources for research

Physical Education

Students will :

- Practice inclusionary behavior skills
- Participate in one on one skills such as soccer, basketball, and relays
- Demonstrate competence in more advanced specialized skills – hand and foot dribble ball with control
- Apply safety measures in a variety of motor activities

Music

Students will :

- Identify and use lighter/heavier vocal tone color
- Identify major/minor tonality
- Identify whole, half steps in major and minor keys
- Identify contrasting and repeated sections of a musical piece
- Sing music written in 2 and/or 3 parts reading notation in 2/4, $\frac{3}{4}$, 4/4, 6/8, 3/8, and 2/2 meter signatures
- Identify and define standard notation symbols
- Analyze meter, rhythm, tonality, intervals, chords, and harmonic progressions in their analysis of music

Art

Students will :

- Exhibit individual use of color, technique, design, and materials
- Choose realistic colors
- Select and use qualities of various elements and principles to improve communication of ideas

Computer

Students will :

- Demonstrate usage of keyboard with a speed of at least 15 words per minute
- Create a paragraph using spacing alignments in Microsoft Word
- Use Page Setup in Microsoft Word
- Utilize additional formatting, use of addition, subtraction, multiplication, division, and average formulas in Microsoft Excel
- Create and organize additional worksheets in Microsoft Excel
- Create an non-linear presentation using Microsoft Power Point
- Use Action Buttons and Settings in Microsoft Power Point