Religion Curriculum

Students will:

- Establish an understanding of how God used prophets and kings to form the people of Israel into a community
- Enable students to understand that God chose leaders to help maintain His covenant.
- Enable students to understand that the church is a community of people who have been called to acknowledge the lordship of Jesus.

Literature Curriculum

Students will:

- Engage in a literature based reading program
- Identify plot, main idea, setting, conflict, and analyze character development.
- Identify foreshadowing clues, supporting details, recognize figurative language and analyze author's point of view.
- Analyze characteristics of fiction and non- fiction
- Provide written evidence that all elements of different genres are understood.

Language Arts

Students will learn:

Sentences:

- Recognizing fragments, compound, and simple sentences
- Correcting run-on sentences

Parts of Speech:

- Nouns
- Verbs
- Pronouns
- Adverbs
- Adjectives
- Prepositions
- Conjunctions
- Interjections

Punctuation:

- Quotation marks
- Commas
- Colons
- Semicolons

Composition:

- Logical and concise paragraphs to build a 3 paragraph paper
- Writing forms will include: business/friendly letters, writing using figurative elements, and poetry – the vocabulary used in poetry and how to apply it in a well-written poem

Math

Students will learn:

Problem Solving

- Use and review all strategies that involve graphs, tables, lists, formulas, and classification
- Use plans to work backward, logical reasoning, and equations to solve problems
- Use diagrams and pictures for visual aids in problem solving

Estimation

- Reinforce and integrate estimation strategies with real numbers and check for reasonableness
- Use previous skills to solve equations mentally

Number Sense and Operations

- Reinforce rounding, comparing, and ordering of whole numbers, decimals and fractions
- Introduce four basic operations of integers
- Introduce scientific notation with and without negative exponents
- Study the relationship between fractions and decimals
- Extend understanding of order of operations to include powers raised to powers and how it relates to algebra
- Introduce rationals and the concept of absolute value

Fractions

- Review basic operations of fractions and mixed numbers
- Master all addition and subtraction of fractions with regrouping

Geometry and Measurement

- Introduce construction of congruent, parallel, and perpendicular lines
- Use tools of geometry (Protractor and compass)
- Solve real world problems involving area and volume
- Understand and graph on the coordinate plane using ordered pairs

Algebra

- Define and use terminology such as equation, expression, and variable, etc.
- Use substitution to evaluate expressions
- Solve one step equations involving whole numbers, and integers

Social Studies

Students will:

History

- Investigate pre-history through the Ice Age and Stone Age, focusing on the people and causes that led to the development of civilizations
- Evaluate the science of archaeology and anthropology, using technology to help gain a better understanding of history before the development of language
- Explore the River Valley Civilizations of the Fertile Crescent and Ancient Egypt
- Explore the Empires of Ancient Greece and Ancient Rome
- Explore Medieval Europe
- Investigate, analyze, and compare and contrast the geography, religious beliefs, and daily life of the different culture groups

Geography

- Use maps and other resources to identify latitude, longitude, map types
- Use a variety of resources and mapping skills to interpret maps
- Understand the different landforms and waterways
- Investigate the relationship between geography and different cultures

Civics and Government

- Understand the responsibilities of citizens in the various historic cultural groups as compared to citizens of the United States
- Relate ancient democracies to the U.S Constitution
- Use mock trials, investigate the workings of ancient versus modern day court systems

Science

Emphasizes the study of Earth Science. Instruction continues to build environmental literacy as students better understand how they influence the environment and how it influences them. Students will work towards the following objectives:

- Experiment with the scientific method through investigation and experimentation
- Continue practicing observation and measurement, recording, analyzing and interpreting data
- Learn to develop testable questions, simple investigations, graphs, and basic reports
- Explore the physical features and landforms of the Earth's surface
- Explain the theory of plate tectonics and its importance on the evolution of Earth's surface
- Investigate constructive and destructive forces such as volcanoes, earthquakes, and erosion
- Identify the layers of the Earth's atmosphere
- Explain the motion of the Earth within the solar system
- Investigate the geologic history of the Earth
- Describe the formation of fossil fuels and the importance of conservation or natural resources
- Observe the effect of the water cycle and winds on Earth's weather
- Understanding of Earth's water and our use of freshwater resources
- Investigate and understand wave action, tides, and ocean water chemistry
- Explain the different horizontal and vertical ocean zones
- Explain the relationships between ocean currents and weather
- Describe ocean and fresh water habitats
- List types of water pollution and discuss ways of controlling it