

Grade 6

Course Descriptions



Math

Description:

The 6th grade math curriculum begins with a review of basic addition, subtraction, and multiplication of whole numbers. Students learn how to work through word problems. Math concepts become a bit more complex as two-digit multiplication is introduced as well as the use of the decimal. Students learn how to apply negative values and fractions. Other types of enumeration concepts are learned by the introduction of Roman numerals and Egyptian enumeration.

Goals:

- Understand and compute with rational numbers.
- Select and use appropriate tools to measure two- and three-dimensional figures.
- Understand and use properties and relationships of geometric figures in the coordinate plane.
- Understand and determine probabilities.
- Demonstrate an understanding of simple algebraic expressions.



Reading

Description:

Throughout the reading curriculum for 6th grade, students strengthen their comprehension skills through critical thinking, fact finding, sequencing and brainstorming. Student's gain an increased vocabulary as text covers new topics. Students recognize types of literature and various literary styles and techniques which they apply to their own compositions. They also learn study skills and practice both oral and silent reading.

Goals:

- Further develop communication skills through discussion and working together in small groups and as a class.
- Enhance both oral and silent reading.
- Develop vocabulary through writing and discussion.
- Develop comprehension strategies before, during, and after reading various literary genres ,and comprehend their characteristics.
- Develop understanding of basic literary terms (e.g., setting, point of view, simile, metaphor, rhythm) .
- Recognize the author's intent and apply critical thinking skills to establish ideas, thoughts and opinions.



Language Arts

Description:

The 6th grade curriculum is a bridge between Language Arts and English Composition. Students work on refining and strengthening their writing skills through practice. The curriculum includes reading assignments that demonstrate new concepts. Students will focus on planning, drafting and revising various types of literary work. Writing characteristics are covered including objectives, tone, level of detail and audience awareness.

Goals:

- Listening and speaking skills: Develop listening skills through discussion and debate.
- Grammar: Develop correct application of grammar concepts.
- Writing: Develop and improve writing skills through various writing practices focused on different audiences, write in various modes and genres.
- Logic: Exercise and demonstrate critical thinking skills. Enhance thoughtful reasoning and facilitate learning, make inferences and draw conclusions, apply logic skills.
- Literature: Develop comprehension strategies before, during, and after reading various literary genres, understand their characteristics, and understand basic literary terms (e.g., setting, point of view, simile, metaphor, rhythm) .
- Media: Recognize that media can be a source of information and/or entertainment, use media to publish and present information.
- Informational text: Comprehend informational text, recognize and correctly use different features of informational texts (e.g., separate text boxes, diagrams, captions, charts, graphs).



Science

Description:

Students explore the body from the brain to the toenails. Students learn how to keep their body working well. A brief history of medicine is provided and a peek into cells and DNA. Students voyage through the body systems including skeletal, muscular, respiratory, digestive, cardiovascular, nervous and more! They'll study nutrition and health, how God designed their immune system to protect them, along with embryology and what makes them a unique creation of God. Students enjoy building their own personalized human figure in their course notebook. They also enjoy various experiments and projects, such as testing the bacteria content around the house, finding their blood type, creating a cell model from jello and candy, and even building a stethoscope!

Goals:

- Describe how the body systems are identified and studied.
- Describe various body systems, the purpose of each and how they work together.
- Explain the history of medicine and how to keep and maintain a healthy body.
- Describe how the environment affects various body functions and how the body adjusts to environmental changes.



History

Description:

The 6th grade history curriculum brings a rich international perspective to students as they explore Mesopotamia, Ancient Egypt, Ancient Israel, Ancient India and Ancient China. Students will learn about the culture of these nations including their religions, art, architecture and social structure. Topics also cover Greece, Rome, Ancient Mayas, Ancient Africa, Japan and the Byzantine Empire.

Goals:

- Describe how the people of Israel, chosen by the one true God, affected the nations through the diaspora.
- Explain the archaeological finds that demonstrate the various cultures of the world and further substantiate the truth of God's Word.
- Describe the differences between various religions, art, and cultures through research, workshops and discussion.



Spelling

Description:

This spelling curriculum for 6th grade strengthens the student's understanding of word history through the exploration of both Greek and Latin roots. Dictation continues to strengthen the student's ability to listen, comprehend and reflect complete thoughts through writing. The use of a journal gives students opportunity to write freely and practice expressing their own complete thoughts, ideas and conclusions. Students continue using the dictionary as a tool for successful spelling and writing.

Goals:

- Enhance listening skills through discussion and testing.
- Improve reading strategies and pronunciation through dictionary usage and syllabication.
- Improve comprehension strategies through deductive reasoning.
- Recognize and comprehend synonyms, slang and idioms.
- Enhance free-writing skills through journaling.



Leaders in Action

Description:

The Bible curriculum for grades 6 – 8 is called Leaders in Action. To prepare students for high school and to be godly leaders, students are challenged to solve problems through scripture research. At the start of each lesson, the students are given a mystery to solve. Throughout the lesson students are given clues and learn how to search the Bible for guidance and answers. Students gain knowledge of the structure of the Bible, how to find scriptures and how to use scripture to interpret scripture. While having fun, students learn Christian core values and how to apply them to their circumstances.

Goals:

- Understand the structure of the Bible.
- Demonstrate how to search scriptures for guidance.
- Apply Bible study tools.
- Interpret the meanings of Biblical texts.
- Recognize biblical choices.