

## 4th Grade Language Arts

*Fourth Grade students will expand and deepen their knowledge of reading, writing, and listening, speaking and viewing. By the end of 4th grade, students will be able to:*

- Demonstrate command of the conventions of Standard English grammar and usage when writing or speaking.
- Demonstrate command of the conventions of Standard English capitalization, punctuation, and spelling when writing.
- Use knowledge of language and its conventions when writing, speaking, reading, or listening.
- Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 4 reading and content, choosing flexibly from a range of strategies.
- Demonstrate understanding of figurative language, word relationships, and nuances in word meanings.
- Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 4 topics and texts, building on others' ideas and expressing their own clearly.
- Paraphrase portions of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.
- Identify the reasons and evidence a speaker provides to support particular points. Report on a topic or text, tell a story, or recount an experience in an organized manner, using appropriate facts and relevant, descriptive details to support main ideas or themes; speak clearly at an understandable pace.
- Differentiate between contexts that call for formal English (e.g., presenting ideas) and situations where informal discourse is appropriate (e.g., small-group discussion); use formal English when appropriate to task and situation.

## 4th Grade Mathematics

*Fourth Grade students will be engaged in developing mathematical understandings in real and relevant contexts. By the end of 4<sup>th</sup> grade, students will be able to:*

- Understand and apply percentages to circle graphs
- Develop their understanding of how whole numbers and decimals are represented in the base-ten numeration system
- Understand and apply the concept of rounding numbers
- Solve problems involving multiplication and division of 2-3 digit numbers by 1 or 2 digit numbers
- Develop their understanding of the meaning of decimals and use them in computations
- Explain and use properties of the four arithmetic operations to solve and check problems
- Understand the concept of weight and how to measure weight
- Understand the concept of angles and how to measure them
- Define and identify the characteristics of geometric figures through examination and construction
- Understand fundamental solid figures
- Use the coordinate system
- Represent and interpret mathematical relationships in quantitative expressions
- Gather, organize, and display data according to the situation and compare related features
- Solve problems (using appropriate technology)
- Reason and evaluate mathematical arguments
- Communicate and represent mathematics in multiple ways
- Make connections among mathematical ideas and other disciplines

## 4th Grade Science

*Fourth Grade students will use inquiry to focus on questions about the world around them. By the end of 4th grade, students will be able to:*

- Exhibit the traits of curiosity, honesty, openness, and skepticism in science in their efforts to understand how the world works
- Compute and estimate skills necessary for analyzing data and following scientific explanations
- Use tools and instruments for observing, measuring, and manipulating objects in scientific activities utilizing safe laboratory procedures
- Use ideas of system, model, change, and scale in exploring scientific and technological matters
- Communicate scientific ideas and activities clearly/Question scientific claims effectively
- Familiarize themselves with the character of scientific knowledge and how it is achieved
- Understand important features of the process of scientific inquiry
- Compare and contrast the physical attributes of stars, star patterns, and planets
- Model the position and motion of the earth in the solar system and will explain the role of relative position and motion in determining sequence of the phases of the moon
- Differentiate between the states of water and how the cycle and weather related
- Investigate the nature of lights and sound
- Demonstrate applying force and the result
- Identify factors that affect survival or extinction of organisms

## 4<sup>th</sup> Grade Social Studies

*Fourth Grade students will begin the formal study of United States History. The four strands of history, geography, civics, and economics are fully integrated. By the end of 4th grade, students will be able to:*

- Describe European Exploration in North America.
- Explain the factors that shaped British Colonial America.
- Describe the elements of representative democracy/republic in the United States.
- Explain the importance of Americans sharing certain central democratic beliefs and principles, both personal and civic.
- Explain the causes, events, and results of the American Revolution.
- Analyze the challenges faced by the framers of the Constitution.
- Explain westward expansion in America.
- Examine the main ideas of the abolitionist and suffrage movements.
- Explain the causes, major events, and consequences of the Civil War.
- Analyze the effects of Reconstruction on American life.
- Locate important physical and man-made features in the United States.
- Describe the meaning of:
  - a. Natural rights as found in the Declaration of Independence (the right to life, liberty, and the pursuit of happiness)
  - b. "We the People" from the Preamble to the U.S. Constitution as a reflection of consent of the governed or popular sovereignty
  - c. The federal system of government in the U.S. (federal powers, state powers, and shared powers)
  - d. Representative democracy/republic
- Explain the importance of freedoms guaranteed by the First Amendment to the U.S. Constitution.
- Describe the structure of government and the Bill of Rights.
- Describe how life changed in America at the turn of the century.

- Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.

- Describe U.S. involvement in World War I and post-World War I America.
- Explain how the Great Depression and New Deal affected the lives of millions of Americans.
- Explain America's involvement in World War II.
- Explain how a citizen's rights are protected under the U.S. Constitution.

**BIBLICAL PRINCIPLES ARE INTEGRATED  
IN ALL CURRICULUM**

**GCA CURRICULUM MEETS ALL STATE  
STANDARDS AND BEYOND**