

2nd Grade Language Arts

Second Grade students will be engaged in a variety of language and literacy activities as they gain independence and mastery of reading, writing, and listening, speaking and viewing. By the end of 2nd grade, students will be able to:

READING

- Demonstrate the ability to read orally with speed, accuracy, and expression
- Acquire and use grade-level words to communicate effectively
- Use a variety of strategies to gain meaning from grade-level text

WRITING

- Demonstrate competency in the writing process
- Writes in a variety of genres, including narrative, informational, persuasive, and response to literature
- Use oral and visual strategies to communicate

LANGUAGE

- Apply knowledge of letter-sound correspondence spelling patterns to decode unfamiliar words
- Recognizes word division between double consonants/ root words and suffixes/ a vowel and a consonant
- Demonstrate changes from singular to plural spellings of words
- Demonstrate ability to recognize and use the three kinds of sentences: declarative, interrogative, exclamatory

BIBLICAL PRINCIPLES ARE INTEGRATED IN ALL CURRICULUM AREAS

GCA CURRICULUM MEETS ALL STATE STANDARDS AND BEYOND

2nd Grade Mathematics

Second Grade students will be engaged in Developing mathematical understandings in place value and number relationships in addition and subtraction and use simple concepts of multiplication. By the end of 2nd grade, students will be able to:

- Use multiple representations of numbers to connect symbols
- Build fluency with multi-digit addition and subtraction
- Understand multiplication, multiply numbers, and verify results
- Understand and compare fractions
- Represent and interpret quantities and relationships using mathematical expressions including equality and inequality signs ($=$, $>$, $<$, \neq)
- Exhibit the standard units of inch, foot, yard, and metric units of centimeter and meter and measure length to the nearest inch or centimeter
- Cite the time to the nearest five minutes and know relationships of time such as the number of seconds in a minute, minutes in an hour and hours in a day
- Explore temperature
- Describe and classify plane figures according to the number of sides and vertices and the sizes of angles
- Describe and classify solid geometric figures
- Describe change attributes as 2-3 dimensional
- Create and interpret simple tables and graphs
- Communicate mathematically
- Solve problems using technology
- Reason and evaluate mathematical argument
- Connecting mathematical ideas with other disciplines

2nd Grade Science

Second Grade students will use inquiry to focus on Characteristics of Science and its Content. By the end of 2nd grade, students will be able to:

- State the importance of curiosity, honesty, openness, and skepticism in science and exhibit these traits in their own 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
- Use the ideas of system, model, change, and scale in exploring scientific and technological matters
- Communicate scientific ideas and activities clearly
- Familiarize with the character of scientific knowledge and how it is achieved
- Understand important features of the process of scientific inquiry
- Understand that stars have different sizes, brightness and patterns
- Investigate the position of sun and moon to show patterns throughout the year
- Observe and record changes in their surroundings and infer the causes of the changes
- Investigate the properties of matter and changes that occur in objects
- Identify sources of energy and how the energy is used
- Demonstrate changes in speed and direction using pushes and pulls
- Investigate the life cycles of different living organisms

2nd Grade Social Studies

Second Grade students will focus on important historical figures in Georgia and the Creek and Cherokee cultures in Georgia. The strand emphasize the geography of Georgia and relates that to the historical study. By the end of 2nd grade, students will be able to:

- Read and describe the lives of historical figures in Georgia History
- Describe Georgia Creek and Cherokee cultures of the past in terms of tools, clothing, homes, ways of making a living, and accomplishments
- Locate major topographical features of Georgia and describe how these features define Georgia's surface.
- Describe the cultural and geographic systems associated with the historical figures in Georgia's Creeks and Cherokees
- Define the concept of government and the need for rules and laws
- Identify the roles of the following elected officials (President, Governor, and Mayor)
- Cite examples of how the historical figures demonstrate the positive citizenship traits
- Demonstrate knowledge of the state and national capitol buildings by identifying them from pictures and capitals of the United States of America and the state of Georgia by locating them on appropriate maps
- Identify ways in which goods and services are allocated (by price; majority rule; contests; force; sharing; lottery; command; first-come, first-served; personal characteristics; and others)
- Explain that people usually use money to obtain the goods and services they want and explain how money makes trade easier than barter
- Describe the costs and benefits of personal spending and saving choices

