

### 3rd Grade Language Arts

*Third Grade students will be engaged in reading, writing, and listening, speaking and viewing. By the end of 3rd grade, students will be able to:*

- Read grade level text with appropriate speed, accuracy, and expression (read approximately 120 words per minute)
- Read a variety of text (Non-fiction, fiction, fantasy, biography, etc.)
- Identify and recall author's purpose and details from reading
- Develop opinions based on reading
- Basic knowledge of story elements (plot, character, setting, etc.)
- Recognize and use grade level vocabulary Use strategies to gain meaning from text (Summarizing, Prediction, Questioning and Making connections)
- Work independently on research projects
- Develop four levels of comprehension
- Use the writing process to produce pieces, including reports and essays
- Identify, correct and write complete, informative sentences
- Identify and use capitalization and punctuation rules in writing
- Identify and use nouns, verbs and adjectives in writing and use subject/verb agreement
- Identify figurative language (idioms, metaphors, similes, etc.)
- Identify and use synonyms, antonyms, and homophones
- Identify and use multiple-meaning words
- Identify and use the basic genres of writing Expository, Narrative, Persuasive and Descriptive
- Identify Phonic sounds, syllables, and rules
- Identify context sentences for vocabulary development

### 3rd Grade Mathematics

*Third Grade students will be engaged in Developing mathematical understandings in real and relevant contexts. By the end of 3rd grade, students will be able to:*

- Understand place value through ten thousands'
- Add and subtract using properties and estimation
- Perform two-digit multiplication
- Understand the five step process for long division
- Understand the relationship between addition and multiplication and between division and subtraction
- Multiply/divide a 2-3 digit whole number by a 1-digit whole number
- Model addition and subtraction of decimals and common fractions
- Measure length, perimeter, area, and elapsed time
- Perform simple algebraic equations
- Identify simple geometric shapes
- Classify triangles by sides and understand circles
- Create and interpret tables and graphs (using scale increments)
- Problem solving, develop arguments, averaging, use language of mathematics, make connections and communicate
- Measure with inches and centimeters
- Use mathematical concepts to solve problems
- Solve simple one and two-step story problems
- Create and interpret various types of tables and graphs
- Represent objects in the real world with geometric figures, number sequences, graphs, diagrams, maps, and stories; and compare/contrast these representations to their object

### 3rd Grade Science

*Third Grade students will use inquiry to focus on questions about the world around them. By the end of 3rd grade, students will be able to:*

- Define science
- Discuss how science relates to the student
- Read informative text, identify key words and concepts
- Demonstrate the knowledge of scientific process
- Demonstrate knowledge of scientific concepts (Rock and Minerals, Solar System, Matter, Magnets, Organisms and habitats, Pollution)
- Analyze data and graphs
- Describe the effect of magnets on common objects and in other magnets
- Describe the ways in which the parts of an object influence or interact with one another
- Compare objects, record findings accurately, and analyze data in order to answer their own questions
- Use information about the relationship between the form and shape of an object, or function to explain fossils, rock cycles, and features of plants and animals
- Differentiate between habitats in Georgia and the organisms that live in our state
- Recognize the effects of pollution and humans on the environment
- Integrate Science with other subject areas
- Practice safety precautions in experiments and hands on activities

### 3rd Grade Social Studies

*Third Grade students will explore the origins of American democracy as well as the lives of important Americans. In addition, 3rd graders will continue to acquire basic economic concepts. By the end of 3rd grade, students will be able to:*

- Understand the basic definition of history and the purpose of study
- Read informative text, identifying key words and concepts
- Connections to events and people
- Identify and analyze a timeline
- Identify and analyze basic aspects of a map
- Identify and locate various places on a map or globe (Continents, Oceans, Prime Meridian, Equator, Major U. S. Rivers & Mountain Ranges, Various countries/cities)
- Explain the political roots of American democracy
- Discuss the lives of selected Americans who expanded people's rights and freedoms in a democracy
- Locate and describe the major topographical features of America
- Describe the cultural and geographic systems associated with historical figures in American democracy and explain how these Americans display positive character traits
- Demonstrate the knowledge of Three Branches of Gov't/basic economic & trade principles
- Explain the importance of the basic principles that provide the foundation of a democratic/republican form of government
- Describe and explain economic concepts involving productive resources, taxation for public services, and interdependence and trade

