

Kindergarten Learning Goals

For more information, go to <https://www.georgiastandards.org/> or <http://www.carrollcountyschools.com/> under the Departments then K-12 Curriculum links.

By the end of the grade, students will...

Language Arts/Reading

- Produce and publish opinion, information and narrative writing
- Learn how to hold books, track print, and distinguish words from pictures and letters from words
- Know the basics of the sound-print code – letters represent sounds and letters make words
- Recognize sentences and use beginning capital letters and end punctuation
- Fluently read basic sight words
- Read emergent texts with purpose and understanding
- Listen, recall, and ask question for information details from various levels of texts
- Spell words phonetically when writing

Mathematics

- Count to 100 by 1s and 10s
- Write numbers to 20 to label sets of objects
- Compose and decompose numbers 11-19
- Count, compare, describe, and sort objects
- Compare and describe measurements of various objects
- Add and subtract fluently to 5
- Identify and describe two and three dimensional shapes and spatial relationships

Science

- Raise questions about the world
- Use whole numbers to describe scientific data
- Identify parts of things
- Describe, compare and sort items according to physical attributes
- Use the senses (sight, smell, taste, touch and sound) to describe objects
- Learn to follow rules
- Study major concepts – day and night sky, rocks and soil, composition of materials, motion, living/nonliving plants and animals, parents and offspring
- Health– school safety, community safety, personal safety, environmental safety, nutrition, five senses

Social Studies

- Investigate important American holidays and symbols (history)
- Describe diverse community and family celebrations, customs and work (culture)
- Study land/water features, maps/globes, learn street address, city, county state, nation and continent where student lives (geography)
- Learn rules and character traits of good citizens (civics)
- Investigate basic economic concepts – work people do, wages and salaries, purchasing power (economics)

First Grade Learning Goals

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By the end of the grade, students will...

Language Arts/Reading

- Continue phonological development
- Develop more advanced phonics skills and a bank of sight words
- Read, listen to and discuss more complex text for information and pleasure
- Connect what is read to the experiences of their lives
- Produce text through speaking and writing with focus and organization in a variety of genres
- Expand sentences, recognize paragraphs, and learn the rules of language and spelling
- Read grade-level text with accuracy, appropriate rate, and expression
- Compare and contrast information that is read

Mathematics

- Count, read, write, and represent place value to 120
- Add and subtract to 20 with unknowns in all positions
- Add and subtract fluently to 10
- Understand commutative and associative properties
- Compare numbers to 120 with $>$, $<$, $=$
- Mentally find 10 more and 10 less of 2-digit numbers
- Order and compare up to three objects by length, using objects to measure end to end
- Tell time to hour and half-hour using analog and digital clocks
- Organize, represent, and interpret data with up to three categories
- Identify and define attributes of shapes include 2 and 3 dimensional shapes and equal shares
- Describe shapes using *halves*, *fourths*, *quarters*, *half of*, *quarter of*

Science

- Raise questions about the world, use numbers to quantify, work in a group, use tools to measure and view
- Seek answers by making observations, describe and compare using physical attributes,
- Investigate major concepts – weather, seasons, sound, shadows, magnets, characteristics of living things, basic needs of living things
- Health (QCC)
- Accident prevention, emergency, violence, bullying, fire, alcohol, tobacco, drugs, disease prevention, hygiene, nutrition and growth

Social Studies

- Study important historical figures and their important contributions (history, culture)
- Learn where historical people lived and explore important basic geographic concepts (geography)
- Study positive character traits of historical figures (civics)
- Investigate basic economic concepts – goods and services, scarcity, producers and consumers, personal spending and saving (economics)

Second Grade Learning Goals

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By the end of the grade, students will...

Language Arts/Reading

- Transition from learning to read to reading to learn
- Read a variety of texts, including fiction and non-fiction
- Read longer, more complex texts including chapter books (author's purpose, main idea, predictions, fact/fiction)
- Become more independent writers using editing and revising; using descriptive and transitional words
- Use more complex language in conversation
- Use conventions as a part of the everyday writing experience (parts of speech, sentence structures and punctuation) in a variety of genres
- Read text fluently at a minimum of 90 words per minute

Mathematics

- Fluently add and subtract up to 20 using mental math strategies
- Represent numbers up to 3 digits using models
- Skip count up to 1,000 by 5s, 10s, and 100s
- Complete 1 and 2 step word problems
- Measure and compare lengths using standard units
- Solve word problems using length, time, and money
- Identify coin combinations
- Tell and write time to the nearest 5 minutes, AM and PM
- Understand how to use picture graphs, bar graphs, and line plots with up to 4 categories
- Identify shapes, angles, faces, and sides
- Understand fractions with halves, thirds, and fourths.

Science

- Raise questions about the world and use numbers to quantify
- Seek answers by making observations and exploring, communicate ideas, use tools to gather data, give accurate descriptions
- Investigate major concepts – motion/patterns of celestial bodies, changes in earth's surface, attributes of materials, states of matter, energy and motion, life cycles
- Health (QCC) - safety, nutrition, personal health, family living, alcohol, tobacco, drugs, mental health

Social Studies

- Study important Georgia historical figures and the Creek and Cherokee cultures of Georgia (history, culture)
- Learn major topographical features of Georgia (geography)
- Learn the basic concept of government (civics)
- Investigate basic economic concepts – scarcity and opportunity costs, allocation of goods and services, trade and barter, personal spending and saving (economics)

Third Grade Learning Goals

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By the end of the grade, students will...

Language Arts/Reading

- Read more widely on a variety of topics, fiction and non-fiction, with fluency and comprehension
- Discover more details and extract deeper meaning from more complex texts (fiction, nonfiction and poetry)
- Work independently on research projects using more sophisticated and meaningful writing
- Become more adept at summarizing main points and use more abstract skills of synthesis and evaluation in writing
- Understand the importance of conventions of language, spelling and correct language
- Respond to questions more logically using evidence of expanding language with increased vocabulary and a wider range of language structures
- Make predictions, distinguish fact from fiction, recognize plot, setting and character, cause/effect, defend opinions
- Read text fluently at 120 words per minute with expression

Mathematics

- Understand place value *ones* to *thousands* and place value notation
- Understand computation with regrouping using whole numbers
- Expand knowledge of multiplication/division of whole numbers
- Understand concepts of length, perimeter, and area
- Understand time to minute and elapsed time
- Understand volume and mass
- Broaden understanding of geometric figures (plane and solid)
- Solve problems by collecting, organizing, displaying and interpreting data
- Write and solve expressions using symbols in place of numbers
- Expand knowledge of fractions
- Solve one and two step problems using all four operations (+, -, ×, ÷)
- Use number lines to round, add, subtract, and understand time and fractions

Science

- Record observations without making alterations, analyze number data, measure, make sketches, compare and describe, communicate findings
- Observe, construct, and measure objects using ordinary hand tools
- Investigate major concepts – rocks and minerals of Georgia, soil, weathering, fossils, heat energy, magnets, habitats of Georgia, pollution and conservation
- Health (QCC) - safety, nutrition, personal health, growth and development, family living, alcohol, tobacco, drugs, mental health

Social Studies

- Study origins of American democracy (history, culture)
- Study selected Americans important in ensuring personal rights along with character traits (history, culture)
- Locate major topographical features of the United States (geography)
- Investigate the basic principles of a republican form of government (civics)
- Learn about basic resources, goods and services, taxes, trade, benefits of spending and saving (economics)

Fourth Grade Learning Goals

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By the end of the grade, students will...

Language Arts/Reading

- Understand connections among different types of communication
- Read and comprehend texts from a variety of genres (fiction, nonfiction, poetry, drama)
- Write for a variety of purposes using appropriate conventions and grammar (narrative, informational, persuasive, response to literature)
- Discuss books and expand vocabularies for deeper comprehension of texts
- Articulate how authors use a variety of techniques and craft in their writing
- Communicate effectively with different audiences about a variety of texts and concepts
- Read with sufficient fluency to comprehend text

Mathematics

- Add and subtract decimals and common fractions with common denominators
- Decompose fractions with common denominators and determine equivalency, including benchmark fractions
- Multiply and divide multi-digit whole numbers with fluency; determine appropriate use of remainders
- Understand appropriate use of rounding
- Read, compare, and analyze numbers from hundredths through one million
- Use common measurement units to determine weight (customary and metric)
- Develop understanding of measuring angles with appropriate units and tools; pair angles with degrees of a circle
- Understand characteristics of plane geometric figures and symmetry
- Write, interpret, and evaluate mathematical expressions
- Use tables, graphs, charts and line plots (specific to fractions) to record and analyze data

Science

- Ask questions, conduct simple investigations, use tools for collecting data, charts and graphs, use data to answer questions
- Identify patterns of change and fair comparisons
- Write instructions and make sketches to allow others to carry out a scientific procedure
- Investigate major concepts – stars, solar system, weather, light, sound, simple machines, gravity, ecosystems, food chain, and adaptation
- Health - safety, nutrition, personal health, growth and development, disease prevention, alcohol, tobacco, drugs, mental health

Social Studies

- Begin the formal study of United States history with development of Native American cultures and conclude with the antebellum period in 1860 (history, culture)
- Understand the influence of geography on early U.S. history (geography)
- Learn concepts and rights development during the formation of our government (civics)
- Use the concepts of trade, opportunity costs, specialization, voluntary exchange, productivity and price incentives to illustrate historical events (economics)

Fifth Grade Learning Goals

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By the end of the grade, students will...

Language Arts/Reading

- Read, interpret, and analyze complex texts from a variety of genres, including: fiction, nonfiction, poetry drama, and subject areas based on point of view, theme, main idea, and text structure
- Draw evidence from literary or informational texts to support, analyze, reflect upon, and research
- Write routinely to express ideas both formally and informally
- Develop multiple types of writing and demonstrate appropriate structure, organization, style, voice, grammar, and conventions for a topic
- Increase complex vocabulary by determining meaning through reading, word study, discussion, and content area study
- Prepare for and participate effectively in collaborative groups
- Efficiently use multiple sources of technology as a research and presentation tool across subject

Mathematics

- Divide whole numbers with 2-digit divisors
- Understand base-ten system
- Add, subtract, multiply, and divide decimals
- Add, subtract, multiply, and divide fractions; understand fractions as division
- Read, write, and solve expressions and equations.
- Solve word problems using all operations (+, -, ×, ÷) with whole numbers, decimals, and fractions
- Understand coordinate planes
- Read, analyze, and interpret line plots
- Understand customary and metric measurement conversions; understand volume
- Expand understanding of area
- Understand and classify two-dimensional shapes

Science

- Keep records of investigations and observations with no alteration
- Use numerical data to describe and compare objects
- Use reference books, magazines, newspapers and computer databases to locate scientific information
- Investigate landforms of Georgia, effects of constructive and destructive forces, conservation of matter, physical and chemical changes, electricity and magnetism, classification of organisms, cells and microorganisms
- Health (QCC) - safety, nutrition, personal health, growth and development, disease prevention, alcohol, tobacco, drugs, mental health

Social Studies

- Continue the formal study of United States history from 1860 (Civil War) to the present (history)
- Understand the influence of geography on U.S. history (geography)
- Explain concepts and rights as outlined in amendments to the U.S. Constitution (civics)
- Further understand economic concepts of trade, opportunity cost, specialization, voluntary exchange, productivity and price incentives (economics)

