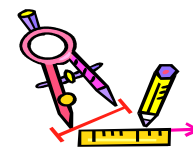












FIFTH GRADE

Fifth grade can be an exciting time for your child! Listed below are some of the skills that will be taught throughout the school year. The list is only a sampling of the many things fifth graders will learn in Scotland County Schools.

















Language Arts







-  Expand and refine vocabulary through knowledge of words, prefixes, suffixes, and word origins to decode and comprehend text.
-  Interact with the text before, during, and after reading by setting a purpose for reading, making predictions, formulating questions, locating relevant information, and making connections by drawing on personal, literary, and cultural understandings.
-  Choose reading materials for appropriate purposes: e.g. reading for information, reading for pleasure or entertainment, reading to perform a task,. This includes using reference materials such as a glossary, thesaurus, and online reference tools.
-  Respond to fiction, nonfiction, poetry, and drama using interpretive, critical, and evaluative processes.
-  Make informed judgments about bias, propaganda, stereotyping, usefulness of text, and media practices.
-  Read aloud grade appropriate text with fluency, comprehension, expression, personal style, and purpose.
-  Compose multiple paragraphs that maintain focus with topic sentence, specific and relevant details, logical progression, and topic related concluding statement.
-  Use pre-writing, drafting, editing, revising, and proofing skills.
-  Explore technology as a tool to enhance and/or publish a written product.
-  Use legible cursive handwriting.



Math











-  Read, write, order and calculate rational from 0.001 through 999,999.
-  Build an understanding of place value (thousandths through hundred thousands).
-  Expand understanding in adding and subtracting fractions and mixed numbers.
-  Develop flexibility in solving problems through the use of mental computation, estimation, and calculators.
-  Estimate the measure of an object in one system when given the measure of that object in another system.
-  Identify, estimate, and measure angles of plane figures.
-  Define and accurately describe triangles, quadrilaterals and other polygons.
-  Make and test conjectures about polygons (the sum of interior angles and length of sides and diagonals).
-  Explore parallelism and perpendicularity of sides and diagonals of various polygons.
-  Gather data by using different methods and examine the usefulness of each.
-  Solve and interpret problems with data using the median, range, and mode.
-  Learn simple concepts of variables ($5 + y = 10$).
-  Identify and analyze situations with constant or varying rates of change.
-  Solve word problems appropriate to grade level.

Social Studies

-  Apply key geographic concepts to the United States and other countries or North America.
-  Analyze political and social institutions in North America. And explain how these institutions respond to human needs, structure society, and influence behavior.
-  Examine the roles various ethnic groups have played in the development of the United States and its neighboring countries.
-  Trace key developments in United State's history and describe their impact on the land and people of the nation and its neighboring countries.
-  Evaluate ways the United States and other countries of North America make decisions about the allocation and use of economic resources.
-  Recognize how technology has influenced change within the United States and other countries in North America.



Science

-  Learn by watching, questioning, and gathering information.
-  Explore the interdependence of plants and animals.
-  Investigate different landforms and the forces that cause them to change.
-  Identify and use models, maps and aerial photographs of various landforms.
-  Analyze and investigate the water cycle.
-  Study weather data to establish the influence of geography on climate.
-  Determine predictable patterns of weather.
-  Explore the nature of forces and motion.
-  Examine the factors that affect motion (force, friction, inertia, and momentum).
-  Build and use a model to solve a mechanical design problem.

