What Your Fifth Grader Needs To Know!

The following standards have been established by the Kentucky Department of Education. These are some of the goals that your child should master by the end of his/her fifth grade year.

*All specific curriculum documents are available on the Fort Thomas website at www.forthomas.kyschools.us

Language Arts

- Apply a variety of appropriate reading strategies to make sense of a variety of print and non-print texts (literary, informational, practical/workplace, and persuasive) to reach personal goals, to understand the human experience, to create products, and to accomplish authentic tasks.
- Apply the following strategies that good readers use: decoding/phonics, making and confirming predictions, creating mental images, self-questioning, summarizing, reading ahead, rereading to clarify, using context to confirm meaning, using text structure and format, and adjusting reading rate.
- Use the writing process and criteria for effective writing in pieces developed over time, as well as in on-demand writing situations, to compile a collection of writings for a variety of authentic purposes and audiences and in a variety of forms, including memoir, poem, compare/contrast, persuasive letter, feature article, on-demand, and open response. The focus of writing will be on: ideas, organization, voice, word choice, sentence fluency, and conventions and layout.
- Construct meaning from observing and listening and apply techniques for effective speaking to communicate ideas and information for a variety of authentic purposes, situations, and audiences.
- Use a variety of resources, methods, and research tools to access ideas and information to learn and to communicate ideas for a specific purpose.
- Use available and emerging technology to gather, organize, manipulate and express ideas and information for a variety of authentic purposes.
- Practice revision and editing skills.

Science

- Identify questions that can be answered through scientific investigations combined with scientific information.
- Use appropriate equipment, tools, techniques, technology, and mathematics in scientific investigations.
- Use evidence, logic, and scientific knowledge to develop scientific explanations.
- Design and conduct different kinds of scientific investigations to answer different kinds of questions.
- Communicate designs, procedures and results of scientific investigations.
- Review and analyze scientific investigations and explanations of other students.
- Study the following topics in physical science: Sanitation District Unit, Transfer of Energy, Motion and Forces, Properties of Matter.
- Study issues related to conservation and the environment.

Mathematics

- Read, write, model, and develop place value, order and compare numbers.
- Investigate common, mixed and equivalent fractions.
- Read, write, and identify decimals.
- Add and subtract fractions.
- Add and subtract decimals.
- Explore estimation in all areas.
- Identify basic two-and three-dimensional shapes.
- Measure, construct an classify angles.
- Construct and interpret charts and tables.
- Determine area and perimeter of triangles and rectangles.
- Use metric conversions accurately.
- Explore rules for number patterns.
- Explore variables and solve equations.
- Generalize a rule for ordered pairs.
- Make predictions.
- Find mean, median, mode, and range for a set of data.
- Collect, interpret and construct data tables.

Social Studies

- Explore the five themes of geography.
- Recognize and apply economic concepts.
- Explore the rights and responsibilities of citizens and appreciate concepts of federal and state constitutions.
- Understand how culture in the United States has been influenced by languages, literature, arts, beliefs, and behaviors of diverse groups.

Arts and Humanities

- Observe and critique dance using appropriate terminology.
- Identify the historical and cultural context of dance, art, music and drama.
- Identify and use dance movements and forms and process and media of visual arts.
- Use a variety of media and art processes to produce two-and three-dimensional works of art.

Physical/Health Education

- Explain concepts of muscular strength and endurance, flexibility, and cardio-respiratory endurance.
- Exhibit motor skills with fundamental locomotor movement in performance of sports and games.
- Demonstrate sportsmanship in games and sport activities.
- Become aware of conflict resolution and communication strategies.
- Examine decision-making strategies.
- Demonstrate respect for others.

All fifth grade students must demonstrate minimum mastery of district developed exit learner outcomes. The Sixth Grade Readiness Test will be administered in the early spring. Each student must demonstrate minimum competencies in the areas of Reading, Language Arts, and Math. Performance on the readiness test will be a critical factor in grade placement. (Policy 08.22)