

## Major Grade Level Concepts and Skills – Grades 5

### **READING** - *Your child will ...*

- Read from a balance of fiction and nonfiction
- Read a variety of novels, short stories, essays, and poetry from modern, classical and multi-cultural literature
- Expand their vocabulary
- Increase their reading fluency
- Apply comprehension strategies (making connections, questioning, visualizing, determining importance, making inferences and synthesizing)
- Discuss author's purpose
- Summarize
- Use technology to develop research skills

### **LANGUAGE ARTS** - *Your child will ...*

- Use the writing process
- Write using correct conventions
- Write using clear organizational style, and appropriate content
- Write in a variety of forms (poetry, narrative, exploratory, fictional, and letters)
- Write to improve sentence fluency, word choice and use of figurative language
- Use technology to write reports in various formats

### **MATHEMATICS** - *Your child will ...*

- Understand the concepts of fractions and decimals.
- Add and subtract non-negative decimals and like-denominator fractions.
- Understand the concept of divisibility.
- Understand the concept of angle measurement (degrees).
- Measure using metric units of capacity, weight and length.
- Understand the properties of angles and polygons.
- Understand and recognize patterns and develop rules based on patterns.
- Use mathematical reasoning to analyze information and verify results.
- Gather, organize, represent and share information.
- Develop and apply a variety of problem solving strategies.

### **SOCIAL STUDIES** - *Your child will ...*

- study early North American exploration and discovery
- learn about the early settlers to the United States and how they lived
- identify and understand the events leading to the Revolutionary War and formation of government
- begin understanding the settlement of the western portion of the United States including map skills, geographical regions and events leading to the Civil War

**SCIENCE - *Your child will ...***

- learn about levers and pulleys
- deepen understanding of the scientific process and the use of variables
- Explore concepts of erosion and deposition
- Investigate stream tables and use cartographer tools and techniques to depict landforms.

**PE AND HEALTH - *Your child will ...***

- learn about cooperative games, gymnastics, soccer and basic rhythm movements
- study nutrition, human sexuality and social skill development

**MUSIC/VISUAL ARTS - *Your child will ...***

- Begin to learn music notation and melodic direction
- Identify various instruments by sound and classify by instrument family
- Read/perform simple melodies using choral literature and sing 3-part rounds
- Continue to refine elements of art such as line, shape, value and composition

**TECHNOLOGY AND LIBRARY - *Your child will ...***

- Develop the necessary skills to gather, organize, evaluate, and communicate information in developmentally appropriate ways
- Acquire skills to use available technology
- Gain understanding and appreciation for literature