

## **Fifth Grade General Studies Curriculum Overview**

This simple description shares the large core objectives for each subject. Detailed learning concepts for each of the core elements may be obtained by contacting the General Studies Principal.

### **Language Arts**

- Use a variety of strategies to expand reading, listening, writing, and speaking skills.
- Understand the meaning of texts using a variety of comprehension strategies.
- Read and respond to a variety of reading materials and genre.
- Compose various pieces of writing with correct structure and grammar.
- Understand and communicate effectively through listening and speaking.
- Apply grade level phonics and word skills to decode and read with sufficient accuracy and fluency to support comprehension.
- Use a combination of writing strategies to produce and publish writing while avoiding plagiarism and identifying sources.
- Participate in collaborative conversations, clearly expressing ideas.
- Distinguish, understand and use different types of print, digital and multimodal media.
- Demonstrate a command of the conventions of standard English grammar and usage when writing or speaking.
- Use knowledge of language and its conventions when writing, speaking, reading or listening.
- Demonstrate understanding of figurative language, word relationships and nuances in word meanings to develop word consciousness.

### **Library Sciences**

- Identify and locate various book and magazine collections.
- Recognize the parts of a search on the computer from various types of materials.
- Discover and use various forms of electronic information.
- Identify various authors, illustrators and literary awards.
- Conduct research.

### **Math**

- Write and interpret numerical expressions.
- Analyze patterns and relationships.
- Understand the place value system.
- Perform operations with multi-digit whole numbers and with decimals to hundredths.
- Use equivalent fractions as a strategy to add and subtract fractions.
- Apply and extend previous understandings of multiplication and division to multiply and divide fractions. Convert like measurement units within a given measurement system.
- Represent and interpret data.
- Understand concepts of volume and relate volume to multiplication and to addition.
- Graph points on the coordinate plane to solve real-world and mathematical problems.
- Classify two-dimensional figures into categories based on their properties.

### **Physical Education**

- Demonstrate listening skills and proper behavior.
- Participate in warm-up and cool-down activities.
- Master fundamental motor skills.
- Master basic manipulative activities.
- Learn the importance of physical fitness.

- Demonstrate proper behavior and hygiene.
- Learn specific rules for individual, dual, and team activities.

### **Science**

- Understand that biological populations change over time.
- Classify properties of matter.
- Understand various types of energy and motion.
- Examine Earth's resources, climate and how things change.
- Understand body processes and disease.

### **Social Studies**

- Identify geographic features and demonstrate geographical knowledge.
- Discover the effects of European exploration of North America and their interactions with the American Indian nations.
- Analyze the cause and effects of basic historical events of the earliest Americans.
- Identify and analyze the Thirteen Colonies, major events and the role of key figures in the establishment of our nation.
- Analyze the causes and effects of major conflicts and wars on the colonies and the changes that occurred due to those conflicts.
- Understand the principles of the new government established by the Constitution and key figures and factors of setting up a new government.
- Examine the challenges and effects of the United States expansion and growth of the West.

### **Technology**

- Demonstrate the proper and safe use of hardware and software.
- Understand basic computer operations.
- Demonstrate the proper use of the keyboard.
- Utilize multimedia authoring and presentation tools.
- Utilize a word processing program.
- Develop and manipulate spreadsheets and databases.
- Use and create power point presentations.
- Utilize the internet.
- Conduct research.