

## SECOND GRADE

### Language Arts

#### *Speaking and Listening*

- Students will learn to collaborate, express and listen to ideas, integrate and evaluate information from various sources, use media and visual displays as well as language and grammar strategically to help achieve communicative purposes, and adapt to context and task.

#### *Reading*

- Students will learn to proficiently read and comprehend grade level literature and informational text, including seminal U.S. documents of historical and literary significance, at the high end of the grade level text complexity band, with scaffolding as needed. \*Standard R.4 includes an asterisk to refer educators back to the Text Complexity Grade Bands and Associated Lexile Ranges in the introduction of the standards.

#### *Writing*

- Students will learn to write for a variety of tasks, purposes, and audiences using appropriate grammar/conventions, syntax, and style.

### Math

*Focus on understanding base-ten, fluency in addition and subtraction, standard units of measure and shapes.*

- Represent and Solve Problems Involving Addition and Subtraction
- Understand and Use Place Value
- Develop Concepts of Measurement
- Mathematical Practices: *Learning, experiencing, and applying skills and attitudes of mathematical content and concepts.*
- Supporting Standards: Geometry, Time, Money

### Science

*Explain, investigate, and design solutions about Earth's surface, living things, and properties of matter.*

- Change in Earth's Surface
- Living Things and Their Habitats
- Properties of Matter
- Science and Engineering Practices: *Behaviors that scientists and engineers engage in as they investigate the world and design solutions to problems.*



### **Social Studies**

- **Geographic Literacy:** Application of spatial understanding and landscape interpretation using globes, maps, and photographs.
- **Historical Thinking:** Demonstration of historical thinking practices including change and continuity over time, cause and effect relationships, interpretation of primary and secondary sources, and significance of historical events and figures.
- **Civic Mindedness:** Understanding of civic roles, rights, and responsibilities at various levels: the individual, group, government, and global.
- **Economic Understanding:** Knowledge of economic concepts and elements of financial literacy.

### **Healthy Lifestyles**

- Identify how practices and behaviors contribute to the value of good health including physical activity, health-enhancing fitness, and nutrition.
- Identify the causes of different emotions and how to appropriately react by using responsible personal and social behavior.
- Demonstrate various locomotor skills (hopping, galloping, running, skipping, etc.) AND non-locomotor skills (balance, stretching, twisting and bending) AND manipulative skills (rope jumping, passing/receiving a ball with hands and feet, etc.)
- Demonstrate that space, pathways, shapes, levels, speed, direction, force are strategies for effective movement in an activity setting.

### **Fine Arts**

- *Music:* Identify, perform, and create simple rhythm patterns with a variety of songs and activities.
- *Visual Arts:* Experiment using descriptive words for actual and implied texture and be able to recognize & make a rubbing of actual texture and practice drawing implied textures.
- *Dance:* Explore the elements of dance through the study of creative movement using the body/mind, time, space, shape, energy and cultural context.
- *Drama:* Explore of the elements of drama through the study of storytelling, oral presentation, script/story, acting/dramatization, design, and audience.

### **Technology and Computer Science**

- **Computing Systems:** Understanding the differences between computer hardware, software and their components. Describing and identifying hardware and software problems and how they work together as a system.
- **Network and Internet:** Understanding the importance of passwords, patterns, security measures and threats. Understanding what a network and the internet are, and how information is transmitted across them.
- **Data:** Making predictions, supporting claims, and determining outcomes.
- **Algorithms:** Sequencing step by step instructions, loops, bugs, variables, conditionals, and iteration.
- **Impacts of Computing:** How computing technologies have changed how people live and ways to improve accessibility and usability of technology for the diverse needs and wants of users.
- **Keyboarding:** Demonstrate correct keyboarding technique.

