

# KINDERGARTEN

## 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 representing, relating, and operating on whole numbers, with sets of objects, describing shapes and space.*

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

## Science

*Obtain, evaluate, and communicate about weather patterns, living things, and motion of objects.*

- Weather Patterns
- Living Things and Their Surroundings
- Force, Motion, and Interactions
- 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 the value of physical activity, health-enhancing fitness, and nutrition.
- Identify emotions and how to appropriately react to different emotions by using responsible personal and social behavior.
- Demonstrate a beginning level of competency in motor skills and movement patterns in both locomotor (hop, skip, jump, etc.) and non-locomotor (balance, stretching, transfer weight, etc.) skills.
- Demonstrate efficient movement and performance in personal space and general space.

### **Fine Arts**

- *Music:* Identify and perform steady beat with a variety of songs and activities.
- *Visual Art:* Recognize and be able to draw the Elements of line using zig-zag, curvy, straight, dotted, wavy, thick, thin, spiral, long/short, and dashed
- *Drama:* Explore of the elements of drama through the study of storytelling, oral presentation, script/story, acting/dramatization, design, and audience.
- *Dance:* Explore the elements of dance through the study of creative movement using the body/mind, time, space, shape, energy and cultural context.

### **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.

