



A **Kindergarten** student in the Littleton Public Schools will engage with the following big ideas in **English/Language Arts**:

21st Century Skills

Critical Thinking

**Information
Literacy**

Invention

Collaboration

Self Direction

- Name and write upper and lowercase letters
- Match letters to sounds and use other methods to figure out unfamiliar words when reading and writing
- Learn and use new words
- Identify words that rhyme
- Read common words such as the, of, you, are, she, and my
- Ask and answer questions about a story the teacher reads out loud
- Identify characters, settings, major events in a story, main idea and key details of a text
- Describe the connection between two individuals, events, ideas, or pieces of information in a text
- Recognize the person, place, thing, or idea that an illustration shows
- Read emergent-reader texts with purpose and understanding
- Participate in discussions by listening and taking turns speaking
- Use a combination of drawing, speaking, and writing to describe an event, give information about a topic, or share an opinion
- Take part in shared reading, writing, and research projects
- Express thoughts, feeling, and ideas clearly
- Identify basic similarities in and differences between two texts on the same topic
- With guidance and support from adults,
 - Explore a variety of digital tools to produce and publish writing, including in collaboration with peers

Link to Additional Resource:

[Colorado Academic Standards](#)



A **Kindergarten** student in the Littleton Public Schools will engage with the following big ideas in **Mathematics**:

Mathematically Proficient Students:

- **Make sense of problems and persevere in solving them**
- **Reason abstractly and quantitatively**
- **Construct viable arguments and critique the reasoning of others**
- **Model with mathematics**
- **Use appropriate tools strategically**
- **Attend to precision**
- **Look for and make use of structure**
- **Look for and express regularity in repeated reasoning**

[21st Century Skills](#)

- Know number names and the count sequence
- Count to tell the number of objects
- Compare numbers
- Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from
- Work with numbers 11-19 to gain foundations for place value
- Describe and compare measurable attributes
- Classify objects and count the number of objects in categories
- Identify and describe shapes
- Analyze, compare, create, and compose shapes

Link to Additional Resource:

[Colorado Academic Standards](#)



A **Kindergarten** student in the Littleton Public Schools will engage with the following big ideas in **Science**:

21st Century Skills

Critical Thinking

**Information
Literacy**

Invention

Collaboration

Self Direction

- Observe, investigate, and describe how objects can move in a variety of ways that can be described by speed and direction.
- Explain how objects can be sorted by physical properties, which can be observed and measured
- Explain how organisms can be described and sorted by their physical characteristics
- Investigate, explain, and describe that the Sun provides heat and light to Earth and the impact of that heat and light

Link to Additional Resource:

[Colorado Academic Standards](#)



A **Kindergarten** student in the Littleton Public Schools will engage with the following big ideas in **Social Studies**:

21st Century Skills

Critical Thinking

**Information
Literacy**

Invention

Collaboration

Self Direction

- Ask questions, share information, and discuss ideas about the past
- Place information in sequential order
- Examine how people belong to different groups and live in different places around the world that can be found on a map or globe
- Understand ownership as a component of economics
- Discuss how purchases can be made to meet wants and needs (PFL)
- Participate in making decisions using democratic traditions
- Explore how civic participation takes place in multiple groups

Link to Additional Resource:

[Colorado Academic Standards](#)



A **Kindergarten** student in the Littleton Public Schools will engage with the following big ideas in **Music**:

21st Century Skills

Critical Thinking

**Information
Literacy**

Invention

Collaboration

Self Direction

- Perform independently
- Respond to music with movement
- Create music through a variety of experiences
- Identify simply musical patterns
- Comprehend musical opposites
- Comprehend basic elements of musical form
- Identify different vocal and instrumental tone colors
- Identify simply rhythmic patterns
- Demonstrate respect for the contribution of others in a musical setting
- Respond to musical performance at a basic level
- Identify and discuss music and celebrations in daily life

Link to Additional Resource:

[Colorado Academic Standards](#)



A **Kindergarten** student in the Littleton Public Schools will engage with the following big ideas in **Physical Education**:

21st Century Skills

Critical Thinking

**Information
Literacy**

Invention

Collaboration

Self Direction

- Demonstrate body and spatial awareness through safe movement
- Locate the major parts of the body
- Understand that physical activity increases the heart rate, making the heart stronger
- Demonstrate respect for self, others, and equipment
- Demonstrate the ability to follow directions

Link to Additional Resource:

[Colorado Academic Standards](#)



A **Kindergarten** student in the Littleton Public Schools will engage with the following big ideas in **Visual Arts**:

21st Century Skills

Critical Thinking

**Information
Literacy**

Invention

Collaboration

Self Direction

- Recognize simple concrete visual images
- Identify characteristics and expressive features (elements/principles) in art work
- Observe and describe a variety of works of art
- Use age-appropriate vocabulary to analyze and evaluate works of art
- Describe and respond to a variety of works of art, including their own by using sensory and expressive features
- Understand sensory and expressive features (elements/principles of art) are utilized in creating works of art
- Use different media, techniques, tools, and materials appropriately
- Produce works of art
- Develop and use age-appropriate craftsmanship
- Encounter other cultures through art
- Use specific criteria to analyze works of art as related to communities

Links to Additional Resources:

[Common Core State Standards](#)