



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

21<sup>st</sup> Century Skills

**Critical Thinking**

**Information  
Literacy**

**Invention**

**Collaboration**

**Self Direction**

- Know and apply grade-level phonics and word analysis skills in decoding words
- Read with sufficient accuracy and fluency to support comprehension
- Learn and use new words
- Ask and answer questions about stories and books - who, what, where, when, why, and how
- Read and recount stories, including fables and folktales from different cultures, and identify the lesson or moral of the story
- Read texts about history, social studies, or science and identify the main idea
- Describe the reasons that an author gives to support a point
- Acknowledge differences in the points of view of characters
- Compare and contrast the most important points presented by two texts on the same topic
- Describe the connections between a series of historical events, scientific ideas or concepts
- Participate in class discussion by listening and building on what others are saying
- Describe in their own words information learned from articles or books
- Work together to gather facts and information on a topic
- Write about opinions using important details and examples to support a position
- Write informative texts in which they introduce a topic, use facts and definitions to develop points, and provide a concluding statement
- Write narratives in which they recount a well-elaborated event or short sequence of events, include details to describe actions, thoughts and feelings, use words to signal event order, and provide a sense of closure
- With guidance and support from adults,
  - Use a variety of digital tools to produce and publish writing, including collaboration with peers

**Link to Additional Resource:**

[Colorado Academic Standards](#)



A **Second Grade** 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**

[21<sup>st</sup> Century Skills](#)

- Represent and solve problems involving addition and subtraction
- Add and subtract within 20
- Work with equal groups of objects to gain foundations for multiplication
- Understand place value
- Use place value understanding and properties of operations to add and subtract
- Measure and estimate lengths in standard units
- Relate addition and subtraction to length
- Work with time and money
- Represent and interpret data
- Reason with shapes and their attributes

**Link to Additional Resource:**

[Colorado Academic Standards](#)



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

21<sup>st</sup> Century Skills

**Critical Thinking**

**Information  
Literacy**

**Invention**

**Collaboration**

**Self Direction**

- Identify, predict, and analyze how changes in speed or direction of motion are caused by forces such as pushes and pulls
- Explain and analyze how organisms depend on their habitat's nonliving parts to satisfy their needs
- Explain and analyze how each plant or animal has different structures or behaviors that serve different functions
- Develop a scientific explanation and analyze how weather and the changing seasons impact the environment and organisms such as humans, plants, and other animals

**Link to Additional Resource:**

[Colorado Academic Standards](#)



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

21<sup>st</sup> Century Skills

**Critical Thinking**

**Information  
Literacy**

**Invention**

**Collaboration**

**Self Direction**

- Identify historical sources and utilize the tools of a historian
- Describe and compare how people have influenced the history of neighborhoods and communities
- Use geographic terms and tools to describe space and place
- Identify how people in communities manage, modify, and depend on their environment
- Explain and identify how the scarcity of resources affects the choices of individuals and communities
- Apply decision-making processes to financial decisions (PFL)
- Identify and describe how responsible community members advocate for their ideas
- Understand people use multiple ways to resolve conflicts or differences

**Link to Additional Resource:**

[Colorado Academic Standards](#)



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

**21<sup>st</sup> Century Skills**

**Critical Thinking**

**Information  
Literacy**

**Invention**

**Collaboration**

**Self Direction**

- Perform expressively simple songs in small groups or independently
- Perform simple rhythmic, melodic, and harmonic patterns
- Create musical phrases in the form of simple questions and answers alone and in small groups
- Identify rhythmic and melodic notation patterns
- Comprehend and use of appropriate vocabulary for dynamics, tempo, meter, and articulation
- Comprehend the beginning notational elements and form in music
- Comprehend the vocal and instrumental tone colors
- Comprehend the beginning melodic and rhythmic patterns
- Demonstrate respect for individual, group, and self-contributions in a musical setting
- Articulate reactions to the elements and aesthetic qualities of musical performance using musical terminology and movement
- Demonstrate increased awareness of music in daily life or special events

**Link to Additional Resource:**

[Colorado Academic Standards](#)



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

21<sup>st</sup> Century Skills

**Critical Thinking**

**Information  
Literacy**

**Invention**

**Collaboration**

**Self Direction**

- Demonstrate the elements of movement in combination with a variety of locomotor skills
- Demonstrate control and balance in traveling and weight-bearing activities using a variety of body parts and implements
- Use feedback to improve performance
- Recognize the importance of making the choice to participate in a wide variety of activities that involve locomotion, nonlocomotion, and manipulation of objects outside of physical education class
- Identify good brain health habits
- Demonstrate positive and helpful behavior and words toward other students
- Apply rules, procedures, and safe practices to create a safe school environment with little or no reinforcement

**Link to Additional Resource:**

[Colorado Academic Standards](#)



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

21<sup>st</sup> Century Skills

**Critical Thinking**

**Information  
Literacy**

**Invention**

**Collaboration**

**Self Direction**

- Identify and compare visual images, ideas for works of art
- Observe and describe works of art using age-appropriate vocabulary
- Describe and respond to a variety of works of art, including their own
- Use age-appropriate vocabulary to analyze and evaluate works of art
- Create works of art utilizing expressive features and characteristics (elements/principles)
- Create works of art related to historical and cultural genre
- Develop and use age appropriate craftsmanship
- Understand how works of art relate to historical and cultural genre

**Link to Additional Resource:**

[Colorado Academic Standards](#)