



A **Third Grade** 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

- 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, including words related to specific subjects
- Read a wide range of stories, determine central message, lesson, or moral, and explain how it is conveyed through key details in the text
- Describe characters in a story and how their actions contributed to events
- Read texts about history, social studies, or science and answer questions about what they learned
- Describe the relationship between a series of historical events, scientific ideas, or concepts or steps in technical procedures in a text, using language that pertains to time, sequence, and cause/effect.
- Compare and contrast the most important points and key details in different texts on the same topic
- Distinguish their own point of view from that of the author, narrator, or the characters
- Refer to information from illustrations, such as maps or pictures, as well as the words in text to support their answers
- Gather information from books, articles, and online sources to build understanding of a topic
- Participate in class discussions by listening, asking questions, sharing ideas, and building on the ideas of others
- Give a class presentation on a topic or telling a story using relevant facts and details and speaking clearly
- Write opinion or research papers in which they introduce the topic or book they are writing about, state an opinion, supply reasons that support the opinion, use words to connect opinion and reasons, and provide a concluding statement

21st Century Skills

**Information
Literacy**

Collaboration

Critical Thinking

Self Direction

Invention

- Write opinion or research papers in which they introduce the topic or book they are writing about, state an opinion, supply reasons that support the opinion, use words to connect opinion and reasons, and provide a concluding statement
- Write informational texts in which they introduce a topic, use facts and definitions to develop points, and provide a concluding statement
- Write stories with dialogue and descriptions of character’s actions, thoughts, and feelings, with clear event sequences
- With guidance and support from adults,
- Use a variety of digital tools to produce and publish writing

Link to Additional Resource:

[Colorado Academic Standards](#)



A **Third 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**

[21st Century Skills](#)

- Represent and solve problems involving multiplication and division
- Understand properties of multiplication and the relationship between multiplication and division
- Multiply and divide within 100
- Solve problems involving the four operations, and identify and explain patterns in arithmetic
- Use place value understanding and properties of operations to perform multi-digit arithmetic
- Develop understanding of fractions as numbers
- Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects
- Represent and interpret data
- Geometric measurement:
 - Understand concepts of area and relate area to multiplication and addition
 - Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures
- Reason with shapes and their attributes

Link to Additional Resource:

[Colorado Academic Standards](#)



A **Third Grade** 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

- Explain and analyze how matter exists in different states such as solids, liquids, and gases and can change from one state to another by heating and cooling
- Use evidence and data to analyze how the duration and timing of life cycle events such as reproduction and longevity vary across organisms and species
- Understand that Earth's materials can be broken down and/or combined into different materials such as rocks, minerals, rock cycle, formation of soil, and sand – some of which are usable resources for human activity

Link to Additional Resource:

[Colorado Academic Standards](#)



A **Third Grade** 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

- Use a variety of sources to distinguish historical fact from fiction
- Compare and describe how people in the past influence the development and interaction of different communities or regions
- Use various types of geographic tools to develop spatial thinking
- Examine how the concept of regions is developed through an understanding of similarities and differences in places
- Describe producers and consumers and how good and services are exchanged
- Describe how to meet short term financial goals (PFL)
- Understand why respecting the views and rights of others is a key component of a democratic society
- Identify the origins, structure, and functions of a local government

Link to Additional Resource:

[Colorado Academic Standards](#)



A **Third Grade** 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 from memory and use simple traditional notation
- Perform extended rhythmic, melodic, and harmonic patterns
- Create short musical phrases and patterns
- Notate music using basic notation structure
- Apply and demonstrate use of basic dynamics, temp, meter, and articulation using appropriate music vocabulary
- Analyze simple notational elements and form in music
- Identify vocal and instrumental tone colors
- Identify and aurally recognize simple melodic, rhythmic, and harmonic patterns
- Identify personal preferences for specific music
- Respond to, and make informed judgments about, music through participation, performance, and the creative process
- Articulate music's significance within an individual musical experience

Link to Additional Resource:

[Colorado Academic Standards](#)



A **Third Grade** 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 a variety of motor patterns in simple combinations while participating in activities, games, and sports
- Perform movements that engage the brain to facilitate learning
- Identify the benefits of sustained physical activity that causes increase hear rate and heavy breathing
- Understand that the body is composed of water, muscle, bones, organs, fat, and other tissues
- Demonstrate positive social behaviors during class

Link to Additional Resource:

[Colorado Academic Standards](#)



A **Third Grade** 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

- Develop skills and strategies to "read" a work of art
- Observe and describe a variety of works of art based on intent and purpose
- Use specific criteria to analyze and evaluate works of art
- Use expressive language to describe and respond to various art including their own
- Recognize, identify, and compare visual images, themes, and ideas for works of art
- Respond with and use age-appropriate art vocabulary
- Use age-appropriate art vocabulary to analyze and evaluate works of art
- Describe and respond to a variety of works of art, including their own
- Develop skills and strategies to critique and evaluate art
- Create works of art utilizing expressive features and characteristics (elements/principles)
- Create purposeful works of art that reflect personal ideas
- Use different media, techniques, and tools
- Develop and use age appropriate craftsmanship
- Understands how works of art related to historical and cultural genre
- Recognize and describe universal visual images and themes

Link to Additional Resource:

[Colorado Academic Standards](#)