



GRADE 3 STANDARDS

LANGUAGE ARTS

➤ Reading Literature & Informational Text

- Answers questions in writing and refers to the text to support ideas.
- Retells and explains important ideas and details of a text.
- Applies grade level phonics and word analysis skills to decode and determine the meanings of unfamiliar words.
- Reads grade level texts with accuracy, pacing and expression.
- Determines the main idea and supporting details in informational text.

➤ Writing

- Writes opinion pieces on topics or texts, supporting a point of view with relevant reasons.
- Writes informative texts to examine a topic and convey ideas and information clearly.
- Writes narratives to develop real or imagined experiences, logically ordered, using descriptions of actions, thoughts, and feelings.
- Develops and strengthens writing by planning, revising and editing.

➤ Language

- Uses knowledge of standard English grammar and conventions when writing and speaking.
- Spells high-frequency words and taught spelling patterns correctly in daily work.
- Acquires and uses academic and content specific vocabulary.

MATHEMATICS

➤ Operations and Algebraic Thinking

- Demonstrates an understanding of multiplication as equal groups.
- Demonstrates an understanding of division as partitioning and equal shares.
- Represents and solves problems involving multiplication and division within 100 using the relationship between multiplication and division.
- Fluently multiplies facts through 9x9.
- Solves problems involving the four operations and identifies and explains patterns in arithmetic.

➤ Number and Operations in Base Ten

- Uses place value to round whole numbers to the nearest 10 or 100.
- Uses place value understanding and properties of operations to add and subtract within 1,000.

➤ Number and Operations - Fractions

- Demonstrates an understanding of fractions as parts of a whole and numbers on a number line.

- Demonstrates an understanding that fractions are equivalent when they are the same size or at the same point on a number line.
- Compares fractions with like numerators and denominators by reasoning about their size.
- **Geometry**
 - Analyzes, compares, and classifies 2-D shapes.
 - Partitions shapes into parts with equal areas and expresses the area of each part as a fraction.
- **Measurement and Data**
 - Solves problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.
 - Represents and interprets data using scaled picture graphs, scaled bar graphs, and line plots.
 - Demonstrates an understanding of area and perimeter.

SCIENCE

- **Life Science**
 - Recognizes that plants go through predictable life cycles.
 - Identifies the structures of a plant and gives their specific function.
 - Demonstrates understanding of plants as part of a food chain.
 - Recognizes reasons for plant behaviors (i.e., a stem growing towards the light).
- **Earth Science**
 - Identifies the way an organism's habitat provides for its basic needs.
 - Can give examples of ways organisms adapt to their habitat.
 - Understands the interdependency of organisms within their habitat.
- **Physical Science**
 - Ask questions to determine cause and effect relationships of electric and magnetic interactions between two objects not in contact with each other.
 - Plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object.
 - Define a simple design problem that can be solved by applying scientific ideas about magnets.
 - Research and design multiple solutions to protect a fragile object from the effects of gravitational force exerted by earth upon the object.

SOCIAL STUDIES

- **History and Geography**
 - Locates cities and landmarks on contemporary maps of New England, Massachusetts and local communities.
 - Describes the early exploration of North America (Vikings/Columbus).

- Describes early colonization (Roanoke/Jamestown, Plymouth, Boston).
 - Describes daily life, education and the importance of specialized jobs in New England.
 - Identifies important developments leading to the American Revolution.

 - **Civics and Government**
 - Describes differences in local government (then/now).
 - **Economics**
 - Identifies the economic reason for early exploration.
 - Describes the importance of natural resources of New England (then/now).
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ART

- **Skills, Knowledge, Concepts**
 - Changes the value of a color by mixing two colors together (tints and shades) and by controlling pressure on the drawing tool.
 - Recognizes that foreground and background tell you what is close and what is far.
 - Uses a variety of paper techniques (cut, fold, tear, curl and pierce).
 - Critiques their own work and the work of others using age appropriate vocabulary.
 - Recognizes and appreciates diverse approaches to art: historical, cultural and stylistic.

 - **Respect, Responsibility and Work Habits**
 - Engages positively in art room activities and discussions.
 - Demonstrates considerate & cooperative behavior. Knows & applies art room rules and safe practices.
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MUSIC

- **Create, Perform, Respond**
 - Create: Composes & notates simple melodies and/or rhythmic patterns accurately.
 - Perform: Singing simple melodies with pitch accuracy.
 - Perform: Performs on classroom instruments with melodic & beat competency.
 - Respond: Shows musical concepts through movement.
 - Respond: Describes the music they hear, using appropriate musical vocabulary.

 - **Respect, Responsibility and Work Habits**
 - Engages positively in classroom activities.
 - Knows and applies classroom rules and safe practices.
 - Accepts risks and challenges.
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PHYSICAL EDUCATION

- **Skills, Knowledge, Concepts**
 - Throws a lead pass to a partner.
 - Catches a lead pass from a partner.
 - Creates dance sequences using symmetrical and asymmetrical body shapes.
 - Identifies the four components of physical fitness.

- Performs a gymnastic sentence combining rolls, travels, and balances on/off equipment.

➤ **Respect, Responsibility and Work Habits**

- Demonstrates considerate and cooperative behavior.
- Appreciates that people have differences and similarities in physical activity settings.
- Accepts risks and challenges.