



GRADE 4 STANDARDS

LANGUAGE ARTS

➤ Reading Literature & Informational Text

- Makes logical inferences and supports them with evidence from the text.
- Uses the structure of an informational text to determine the main idea and supporting details.
- Describes characters, setting, events and themes using specific details.
- 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.

➤ Writing

- Writes opinion pieces on topics or texts, supporting a point of view with reasons and evidence.
- Writes informative texts to examine a topic and convey ideas and information clearly, using content-specific vocabulary.
- Writes narratives to develop real or imagined experiences using story elements and descriptive details.
- Uses the writing process (draft, revise, and edit) to produce clear writing.

➤ Language

- Consistently applies 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

- Uses division with whole numbers to solve word problems including problems in which remainders have to be interpreted.
- Demonstrates an understanding of factors and multiples.

➤ Number and Operations in Base Ten

- Uses place value understanding for reading, writing, comparing, and estimating numbers.
- Fluently adds and subtracts multi-digit whole numbers using the standard algorithm.
- Fluently multiplies and divides facts through 12x12.
- Uses strategies based on place value to multiply 4-digit by 1-digit numbers and 2-digit by 2-digit numbers.
- Uses strategies based on place value to divide 4-digit by 1-digit numbers with remainders.

➤ **Number and Operations - Fractions**

- Demonstrates an understanding of equivalent fractions and ordering fractions.
- Adds and subtracts fractions and mixed numbers with like denominators using equivalent fractions and/or properties of operations.
- Multiplies a fraction by a whole number using visual fraction models.
- Demonstrates an understanding of decimal notation for fractions with denominators of 10 and 100 and compares decimals to the hundredths place.

➤ **Measurement and Data**

- Knows relative sizes of measurement units and solves problems involving measurement and conversion from a larger unit to a smaller unit within one system of units, including km, m, cm; kg, g; lb, oz; l, ml; hr, min, sec.
- Applies the area and perimeter formulas for rectangles in real world and mathematical problems.
- Represents and interprets data using line plots in fractions of a unit ($1/2$, $1/4$, $1/8$) and solve problems involving addition and subtraction of fractions using information from the line plot.
- Demonstrates an understanding of, measures, and solves problems involving angles.

➤ **Geometry**

- Draws and identifies lines and angles.
- Classifies 2-D shapes by properties of their lines and angles.

SCIENCE

➤ **General Practice**

- Define problems within scientific investigations that may change the results of the investigation and problem solve for improved accurate results.

➤ **Life Science**

- Demonstrates knowledge of fossils and their role in our understanding of history.

➤ **Earth Science**

- Demonstrates knowledge of different minerals and their properties.
- Demonstrates knowledge of the three categories of rocks.
- Gives examples of how the surface of the earth changes due to processes like erosion, weathering, landslides, volcanic eruption, and earthquakes.
- Recognizes that the earth is part of the solar system and describes the relationship between earth, moon, and sun.

➤ **Physical Science**

- Demonstrates knowledge of different minerals and their properties.
- Demonstrates knowledge of the three categories of rocks.
- Gives examples of how the surface of the earth changes due to processes like erosion, weathering, landslides, volcanic eruption, and earthquakes.
- Recognizes that the earth is part of the solar system and describes the relationship between earth, moon, and sun.

SOCIAL STUDIES

➤ **History**

- Explains the economics of buying and selling goods and services.
- Describes why immigrants come to the U.S. and how they become citizens.
- Locates and identifies national historic sites and describes the significance.
- Identifies the three branches of government, their functions and roles.

➤ **Geography**

- Locates and identifies political boundaries, major bodies of water and cities in region studied.
- Identifies the unique features of region studied including the natural resources and explains their impact on humans.
- Interprets a map using information from its title, compass rose, scale and legend.

ART

➤ **Skills, Knowledge, Concepts**

- Creates a composition with an intended center of interest, repetition or balance.
- Mixes colors to create a variety of intermediary colors (orange, green, violet).
- Identifies the positive and negative space in a work, and its influence on the composition.
- Creates the illusion of depth (2D surface) by overlapping, size change and placement.
- Recognizes and discusses the Elements of Art used within a piece.

➤ **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.

MUSIC

➤ **Create, Perform, Respond**

- Create: Composes & notates simple melodies and/or rhythmic patterns accurately.
- Create: Creates and performs musical stories.
- Perform: Sings 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.

INSTRUMENTAL

➤ **Skills, Knowledge, Concepts**

- Displays proper posture and playing position.
- Demonstrates developmentally appropriate instrumental tone.
- Performs on instrument with rhythmic accuracy.
- Plays simple melodies with pitch accuracy.
- Reads and responds to musical notation.
- Demonstrates an understanding of musical concepts through listening and responding.

➤ **Respect, Responsibility and Work Habits**

- Engages positively in classroom activities.
- Accepts risks and challenges.
- Prepared with instrument and materials.
- Demonstrates appropriate home practice habits.

PHYSICAL EDUCATION

➤ **Skills, Knowledge, Concepts**

- Throws and catches a lead pass in a modified game.
- Creates dance sequences using the concepts mirroring/matching.
- Demonstrates an understanding of the four components of physical fitness.
- Performs a gymnastic sentence alone or with a partner 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.