



# 4<sup>th</sup> Grade Quarter 1 Report Card Details

This quarter we will focus on the following standards:

## READING / ELA

### Reading Foundation Skills

#### **RF3: Decodes words**

- Decodes grade-level words accurately

#### **RF4: Reads fluently**

- Reads fourth grade text with 95% accuracy, speed and expressions

### Reading

#### **R1: References details from text**

- Refers to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text

#### **R2: Determines main ideas and details**

- Determines a theme of a story from details in the text
- Summarizes the text

#### **R3: Explains/Describes events or story in detail**

- Describes in depth a character, setting, or event in a story or drama, drawing on specific details in the text

#### **R4: Develops vocabulary**

- Determines the meaning of words or phrases as they are used in a text, including those alluding to significant characters found in mythology

#### **R7: Explains the relationship between illustrations and text**

- Makes connections between the text of a story or drama and a visual or oral presentations of the text
- Identifies where each version reflects specific descriptions and directions in the text

## WRITING

### Writing

#### **W1-3: Writes for genre, audience, purpose**

- Creates a narrative piece of writing

#### **W1-3: Organizes writing**

- Creates a narrative piece of writing

#### **W1-3: Develops writing**

- Creates a narrative piece of writing

#### **W1-3: Selects words to convey idea**

- Creates a narrative piece of writing

### Language

#### **L1: Demonstrates command of the conventions of Standard English Grammar and usage when writing or speaking**

- Correctly uses frequently confused words

- Produces complete sentences, recognizing and correcting rhetorically poor fragments and run-ons

- Correctly uses frequently confused words

#### **L2: Demonstrates command of the conventions of Standard English capitalization, punctuation, spelling when writing**

- Uses correct capitalization

#### **L3: Uses knowledge of language and its conventions when reading, speaking, and listening**

- Assessed through writing

#### **L4: Determine or clarify the meaning of unknown and multiple meaning words or phrases**

- Uses context as a clue to the meaning of a word or phrase



# 4<sup>th</sup> Grade Quarter 1 Report Card Details

This quarter we will focus on the following standards:

## MATHEMATICS

### Operations and Algebraic Thinking

#### **OA3: Solves multiple step word problems**

- Uses estimation strategies with addition and subtraction within multi-step word problems

#### **OA5: Generates number and shape patterns; explains patterns**

### Numbers and Operations in Base Ten

#### **NBT1: Understands the relationship of place value**

- Recognizes that in a whole number, a digit in one place represents ten times what it represents in the place to its right

**NBT2: Reads and writes whole numbers in standard, expanded, and word form; Compare and order**

**NBT3: Rounds whole number to any place**

**NBT4: Fluently adds and subtracts multi-digit whole numbers using the standard algorithm**

### Measurement and Data

#### **MD2: Word problems involving measurement**

- Solves word problems involving money and intervals of time

## SCIENCE

### Earth

#### **E1: Solar System – Physical Attributes**

- Compares/contrasts physical attributes of stars, star patterns, and planets

#### **E2: Solar System – Position**

- Models position and motion of Earth as it relates to day/night and seasons

## SOCIAL STUDIES

### History, Geography, Government, and Economics

#### **Native Americas**

- Describes Native American culture in North America
- Explains how physical systems effected Native Americans

#### **Physical Features**

- Locates important physical and man-made features in the US

#### **Economics**

- Uses basic economic concepts (referring to Native Americans)



# 4<sup>th</sup> Grade Quarter 2 Report Card Details

This quarter we will focus on the following standards:

## ENGLISH / LANGUAGE ARTS

### Reading Foundational Skills

#### **RF3: Decodes words**

- Decodes grade-level words accurately

#### **RF4: Reads fluently**

- Reads fourth grade text with 95% accuracy, speed and expressions

### Reading

#### **R1: References details from text**

- Refers to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text

#### **R2: Determines main ideas and details**

- Determines the main idea of a text and explains how it is supported by key details
- Summarizes the text

#### **R3: Explains/Describes events or story in detail**

- Explains events, procedures, ideas, or concepts in a historical, scientific, or technical text, including what happened and why, based on specific information in the text

#### **R4: Develops vocabulary**

- Determines the meaning of general academic language and domain-specific words or phrase in a text relevant to a grade 4 topic or subject area

#### **R5: Describes text structures**

- Describes the overall structure (chronology, cause/effect) of events, ideas, concepts or information in a text or part of a text

#### **R6: Distinguishes point of view**

- Compares and contrasts a firsthand and secondhand account of the same event or topic
- Describes the differences in focus and the information provided

#### **R7: Explains the relationship between illustrations and text**

- Interprets information presented visually, orally, or quantitatively (e.g., in charts, graphs, diagrams, time lines, or animations)
- Explains how the information contributes to an understanding of the text in which it appears

#### **R8: Author's purpose**

- Explains how an author uses reason and evidence to support particular points in a text

#### **R9: Compares and contrasts important points and key details**

- Integrates information from two texts on the same topic in order to write or speak about the subject knowledgeably

## WRITING

### Writing

**W1-W3: Writes for genre, audience, purpose; organizes and develops writing; selects words to convey idea**

- Creates a narrative piece of writing

### Language

**L1: Demonstrates command of the conventions of Standard English Grammar and usage when writing or speaking**

- Uses relative pronouns
- Forms and uses the progressive verb aspects

- Orders adjectives within sentences according to conventional patterns

**L2: Demonstrates command of the conventions of Standard English capitalization, punctuation, spelling when writing**

- Uses commas before coordinating conjunction in a compound sentence

**L3: Uses knowledge of language and its conventions when reading, speaking, and listening**

- Assessed through writing



## 4<sup>th</sup> Grade Quarter 2 Report Card Details

This quarter we will focus on the following standards:

### **L4: Determines or clarifies the meaning of unknown and multiple meaning words or phrases**

- Consults reference materials to find the pronunciation and determine meaning of key words and phrases

### **L5: Demonstrates understanding of figurative language, word relationships and nuances in word meanings**

- Demonstrates understanding of synonyms and antonyms

## **MATHEMATICS**

### **Operations and Algebraic Thinking**

#### **OA1, OA2: Interprets products and quotients using models**

- Translates comparative situations using unknown and solves
- Interprets a multiplication equation as a comparison

#### **OA3: Solves multiple step word problems**

- Uses estimation strategies with multiplication and divisions within multi-step word problems
- Interprets remainders

#### **OA4: Factors pairs for whole numbers; multiples of 1 – 100**

- Demonstrates understanding of factors, multiples, prime, and composite numbers

#### **OA5: Generates number and shape patterns**

- Generates number and shape patterns

### **Numbers and Operations in Base Ten**

#### **NBT1: Understands the relationship of place value**

- Recognizes that in a whole number, a digit in one place represents ten times what it represents in the place to its right

#### **NBT2: Reads and writes whole numbers – standard, expanded, word form, compares and orders**

#### **NBT3: Rounds whole number to any place**

#### **NBT4: Fluently adds and subtracts multi-digit whole numbers using the standard algorithm**

#### **NBT5: Multiplies whole numbers using arrays and area models**

- Illustrates and explains multiplication up to four-digits by one-digit, and two two-digit numbers

#### **NBT6: Divides whole numbers**

- Illustrates quotients and remainders with up to four-digit dividends and one-digit divisors

### **Numbers and Operations – Fractions**

#### **NF1: Explains equivalent fractions using visual models**

- Uses model to explain equivalent fractions

#### **NF2: Uses models to compare fractions with different numerators and denominators**

### **Measurement and Data**

#### **MD2: Word problems involving measurement**

- Solves word problems involving measurements given larger units in terms of smaller units

#### **MD3 & 8: Solves real world problems involving area and perimeter**

- Applies the area and perimeter formulas for rectangles in real world and mathematical problems



# 4<sup>th</sup> Grade Quarter 2 Report Card Details

This quarter we will focus on the following standards:

## SCIENCE

### Earth

#### **E3: Water cycle**

- Differentiates between states of water and how they relate to the water cycle and weather

#### **E4: Weather**

- Analyzes weather charts, maps, and collect weather data to predict weather events and infer patterns and seasonal changes

### Physical

#### **P1: Light**

- Investigates nature of light using mirrors, lenses, and prisms

#### **P2: Sound**

- Demonstrates how sound is produced and can be varied

## SOCIAL STUDIES

### History, Geography, Government, and Economics

Explores/ Colonies

- Describes European exploration in North American
- Explains how physical systems affected European Exploration
- Explains factors that shaped British Colonial America
- Explains how physical systems affected colonization

### Economics

Uses basic economic concepts (referring to colonization)



# 4<sup>th</sup> Grade Quarter 3 Report Card Details

This quarter we will focus on the following standards:

## ENGLISH/LANGUAGE ARTS

### Reading Foundational Skills

#### **RF3: Decodes words**

- Decodes grade-level words accurately

#### **RF4: Reads fluently**

- Reads fourth grade text with 95% accuracy, speed, and expressions

### Reading

#### **R1: References details from text**

- Refers to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text

#### **R2: Determines main ideas and details**

- Determines the theme for a drama or poem from details in the text
- Summarizes the text

#### **R3: Explains/Describes events or story in detail**

- Describes in depth a character, setting, or event in a story or drama, drawing on specific details in the text (e.g., a character's thoughts, words, or actions)
- Explains events, procedures, ideas, or concepts in a historical, scientific, or technical text, including what happened and why, based on specific information in the text

#### **R4: Develops vocabulary**

- Determines the meaning of words and phrases as they are used in a text, including those that allude to significant characters found in mythology (e.g., Herculean)
- Determines the meaning of general academic language and domain-specific words or phrases in a text relevant to a grade 4 topic or subject area

#### **R5: Describes text structures**

- Explains major differences between poems, drama, and prose, and refers to the structural elements of poems (e.g., verse, rhythm, meter) and drama (e.g., cast of characters, settings, descriptions, dialogue, stage directions) when writing or speaking about a text

#### **R6: Distinguishes point of view**

- Compares and contrasts the point of view from which different stories are narrated, including the difference between first- and third-person narrations

#### **R7: Explains the relationship between illustrations and text**

- Makes connections between the text of a story or drama and a visual or oral presentation of the text, identifying where each version reflects specific descriptions and directions in the text

#### **R8: Explains author's purpose**

- Explains how an author uses reason and evidence to support particular points in a text

#### **R9: Compares and contrasts important points and key details**

- Compares and contrasts the treatment of similar themes and topics (e.g., opposition of good and evil) and patterns of events (e.g., the quest) in stories, myths, and traditional literature from different cultures

### Writing

#### **W1-3: Writes for genre, audience, purpose; organizes and develops writing; selects words to convey idea**

- Creates an opinion piece of writing

### Language

#### **L1: Demonstrates command of the conventions of Standard English Grammar and usage when writing or speaking**

- Uses relative adverbs
- Uses modal auxiliaries
- Forms and uses prepositional phrases

#### **L2: Demonstrates command of the conventions of Standard English capitalization, punctuation, spelling when writing**

- Use commas and quotation marks to mark direct speech and quotations in text



## 4<sup>th</sup> Grade Quarter 3 Report Card Details

This quarter we will focus on the following standards:

**L3: Uses knowledge of language and its conventions when reading, speaking, and listening**

- Assessed through writing

**L4: Determines or clarifies the meaning of unknown and multiple meaning words or phrases**

- Uses common grade appropriate Greek and Latin affixes and roots as clues to meaning of words

**L5: Demonstrates understanding of figurative language, word relationships and nuances in word meanings**

- Explains the meaning of simple similes and metaphors
- Recognizes and explains the meaning of common idioms, adages, and proverbs

## MATHEMATICS

### Operations and Algebraic Thinking

**OA1, OA2: Interprets products and quotients using models**

- Translates comparative situations using unknown and solves
- Interprets a multiplication equation as a comparison

**OA3: Solve multiple step word problems**

- Uses estimation strategies with multiplication and divisions
- Interprets remainders

**OA4: Factors pairs for whole numbers; multiples of 1 –100**

- Demonstrates understanding of factors, multiples, prime, and composite numbers

**OA5: Generates number and shape patterns**

### Numbers and Operations in Base Ten

**NBT1: Understands the relationship of place value**

- Recognizes that in a whole number, a digit in one place represents ten times what it represents in the place to its right

**NBT2: Reads and writes whole numbers – standard, expanded, word form, compare an order**

- Reads and writes whole numbers in standard form, expanded form, word form
- Compares and orders

**NBT3: Rounds whole number to any place**

**NBT4: Fluently adds and subtracts multi-digit whole numbers using the standard algorithm**

**NBT5: Multiplies whole numbers using arrays and area models**

- Illustrates and explains multiplication up to four- digits by one-digit, and two two-digit numbers

**NBT6: Divides whole numbers using arrays and area models**

- Illustrates quotients and remainders with up to four-digit dividends and one-digit divisors

### Numbers and Operations – Fractions

**NF1: Explains equivalent fractions**

- Uses model to explain equivalent fractions

**NF2: Uses visual models to compare fractions with different numerators and denominators**

**NF3: Understands addition and subtraction of fractions**

- Adds and subtracts fractions by decomposing with common denominators

**NF4: Understands multiplying fractions using a model**

- Multiplies fractions by a whole number

**NF5: Understands equivalent fractions with like denominators**

- Expresses a fraction with a denominator of 10 as an equivalent fraction with a denominator of 100
- Adds 2 fractions with denominators of 10 and 100

**NF6: Understands decimal notation for fractions with denominators of 10 or 100**

- Uses decimal notation for fractions with denominators of 10 or 100





## 4<sup>th</sup> Grade Quarter 3 Report Card Details

This quarter we will focus on the following standards:

### **NF7: Compares two decimal numbers to the hundredths place using a visual model**

- Compare two decimal numbers by size, recognizing that comparisons are only valid when comparing to the same whole
- Record results of comparisons using  $<$ ,  $>$ , or  $=$

### **Measurement and Data**

#### **MD2: Word Problems involving measurement**

- Solves word problems involving simple fractions and decimals

#### **MD3 & 8: Solves real world problems involving area and perimeter**

- Applies the area and perimeter formulas for rectangles in real world and mathematical problems

#### **MD4: Represents and Interprets Data**

- Makes a line plot to display a data set of measurements in fractions of a unit ( $\frac{1}{2}$ ,  $\frac{1}{4}$ , and  $\frac{1}{8}$ )

### **Geometry**

#### **G1: Draws and identifies lines and angles; classifies shapes by properties of lines and angles**

- Draws points, lines, line segments, rays, angles (right, acute, obtuse), and perpendicular and parallel lines

#### **G2: Two-dimensional figures**

- Classifies two-dimensional figures based on the presence or absence of parallel or perpendicular lines, or present or absence of angles of a specified size
- Recognizes right triangles as a category and identifies right triangles

#### **G3: Symmetry**

- Recognizes lines of symmetry for two-dimensional figure as a line across the figure such that the figure can be folded along the line into matching parts
- Identifies line-symmetric figures and draws lines of symmetry

## **SCIENCE**

### **Physical**

#### **P3: Force and motion**

- Demonstrates the relationship between the application of a force and the resulting change in position and motion

#### **P4: Simple machines**

- Identifies simple machines and explains their uses

## **SOCIAL STUDIES**

### **History**

#### **H4, G2D: American Revolution**

- Explains the causes, events, and results of the American Revolution
- Explains how physical systems effected the Revolutionary War

#### **H5: New Nation**

- Analyzes the challenges of a New Nation

### **Economics**

#### **E1: Economic Concepts**

- Uses basic economic concepts (referring to forming a new nation)





# 4<sup>th</sup> Grade Quarter 4 Report Card Details

This quarter we will focus on the following standards:

## ENGLISH / LANGUAGE ARTS

### Reading Foundational Skills

#### **RF3: Decodes words**

- Decodes grade-level words accurately

#### **RF4: Reads fluently**

- Reads fourth grade text with 95% accuracy, speed and expressions

### Reading

#### **R1: References details from text**

- Refers to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text

#### **R2: Determines main ideas and details**

- Determines a theme of a story, drama, or poem from details in the text
- Determines the main idea of a text and explains how it is supported by key details
- Summarizes the text

#### **R3: Explains/Describes events or story in detail**

- Describes in depth a character, setting, or event in a story or drama, drawing on specific details in the text (e.g., a character's thoughts, words, or actions)
- Explains events, procedures, ideas, or concepts in a historical, scientific, or technical text, including what happened and why, based on specific information in the text

#### **R4: Develops vocabulary**

- Determines the meaning of words and phrases as they are used in a text, including those that allude to significant characters found in mythology (e.g., Herculean)
- Determines the meaning of general academic language and domain specific words or phrases

#### **R5: Describe text structures**

- Explains major differences between poems, drama, and prose, and refers to the structural

elements of poems (e.g., verse, rhythm, meter) and drama (e.g., cast of characters, settings, descriptions, dialogue, stage directions) when writing or speaking about a text

- Describes the overall structure (chronology, cause/effect) of events, ideas, concepts or information in a text or part of a text

#### **R6: Distinguishes point of view**

- Compares and contrasts the point of view from which different stories are narrated, including the difference between first- and third-person narrations

#### **R7: Explains the relationship between illustrations and text**

- RL: Makes connections between the text of a story or drama and a visual or oral presentation of the text, identifying where each version reflects specific descriptions and directions in the text
- RI: Interprets information presented visually, orally, or quantitatively and explains how the information contributes to an understanding of the text in which it appears

#### **R8: Explains author's purpose**

- Explains how an author uses reason and evidence to support particular points in a text

#### **R9: Compares and contrasts important points and key details**

- Compares and contrasts the treatment of similar themes and topics (e.g., opposition of good and evil) and patterns of events (e.g., the quest) in stories, myths, and traditional literature from different cultures
- Integrates information from two texts on the same topic in order to write or speak about the subject knowledgeably



# 4<sup>th</sup> Grade Quarter 4 Report Card Details

This quarter we will focus on the following standards:

## WRITING

**W1-3: Writes for genre, audience, purpose; organizes and develops writing; selects words to convey idea**

- Create an informational piece of writing

### Language

**L1: Demonstrates command of the conventions of Standard English Grammar and usage when writing or speaking**

- Produces complete sentences, recognizing and correcting rhetorically poor fragments and run-ons
- Correctly uses frequently confused words
- Use relative pronouns
- Forms and uses the progressive verb aspects
- Orders adjectives within sentences according to conventional patterns
- Uses relative adverbs
- Uses helping verbs
- Forms and uses prepositional phrases
- Writes legibly in cursive

**L2: Demonstrates command of the conventions of Standard English capitalization, punctuation, spelling when writing**

- Uses correct capitalization
- Uses commas before coordinating conjunction in a compound sentence

- Uses commas and quotation marks to mark direct speech and quotations in text

**L3: Uses knowledge of language and its conventions when reading, speaking, and listening**

- Assessed through writing

**L4: Determines or clarifies the meaning of unknown and multiple meaning words or phrases**

- Uses context as a clue to the meaning of a word or phrase
- Consults reference material to find pronunciation and determine meaning of key words and phrases
- Uses common grade-appropriate Greek and Latin affixes and roots as clues to the meaning of words

**L5: Demonstrates understanding of figurative language, word relationships, and nuances in word meanings**

- Explains the meaning of simple similes and metaphors
- Recognizes and explains the meaning of common idioms, adages, and proverbs
- Demonstrates understanding of synonyms and antonyms

## MATHEMATICS

### Operations and Algebraic Thinking

**OA1, OA2: Interprets products and quotients using models**

- Translates comparative situations using unknown and solves
- Interprets a multiplication equation as a comparison

**OA3: Solves multiple step word problems**

- Uses estimation strategies with addition, subtraction, multiplication, and division within multi-step word problems
- Interprets remainders

**OA4: Factors pairs for whole numbers; multiples of 1 – 100**

- Demonstrates understanding of factors, multiples, prime, and composite numbers

**OA5: Generates number and shape patterns; explains patterns**

### Numbers and Operations in Base Ten

**NBT1: Understands the relationship of place value**

- Recognizes that in a whole number, a digit in one place represents ten times what it represents in the place to its right



## 4<sup>th</sup> Grade Quarter 4 Report Card Details

This quarter we will focus on the following standards:

**NBT2: Reads and writes whole numbers – standard, expanded, word form, compare and order**

**NBT3: Rounds whole number to any place**

**NBT4: Fluently adds and subtracts multi-digit whole numbers using the standard algorithm**

**NBT5: Multiplies whole numbers using arrays and area models**

- Illustrates and explains multiplication up to four-digits by one-digit, and two two-digit numbers

**NBT6: Divides whole numbers using arrays and area models**

- Illustrates quotients and remainders with up to four-digit dividends and one-digit divisors

### Numbers and Operations – Fractions

**NF1: Explains equivalent fractions**

- Uses model to explain equivalent fractions

**NF2: Uses visual models to compare fractions with different numerators and denominators**

**NF3: Understands addition and subtraction of fractions**

- Adds and subtracts fractions by decomposing with common denominators

**NF4: Understands multiplying fractions using a model**

- Multiplies fractions by a whole number

**NF5: Understand equivalent fractions with like denominators**

- Expresses a fraction with a denominator of 10 as an equivalent fraction with a denominator of 100
- Adds two fractions with denominators of 10 and 100

**NF6: Understands decimal notation for fractions with denominators of 10 or 100 on a number line**

- Uses decimal notation for fractions with denominators of 10 or 100

**NF7: Compares two decimal numbers to the hundredths place using a visual model**

- Compares two decimal numbers by size, recognizing that comparisons are only valid when comparing to the same whole
- Records results of comparisons using  $<$ ,  $>$ , or  $=$

### Measurement and Data

**MD1: Units of measurement**

- Knows relative sizes of measurement units within one system of units (km, m, cm; kg, g; lb, oz; ml, l; hour, minute, second)

**MD2: Word Problems involving measurement**

- Uses four operations to solve word problems involving distances, interval of time, liquid volume, masses of objects, and money

**MD3: Solves real world problems involving area and perimeter**

- Applies the area and perimeter formulas for rectangles in real world and mathematical problems

**MD4: Represents and interprets data**

- Makes a line plot to display a data set of measurements in fractions of a unit ( $\frac{1}{2}$ ,  $\frac{1}{4}$ , and  $\frac{1}{8}$ )

**MD5: Recognizing angles**

- Recognizes angles a geometric shapes that are formed wherever two rays share a common end point and understands concepts of angle measurements

**MD6: Measuring angles**

- Measures angles in whole-number degrees using a protractor
- Sketches angles of specified measure

**MD7: Recognizes angle measure as additive**

- Uses addition and subtraction to solve for unknown angles using an equation

### Geometry

**G1: Draws and identifies lines and angles, and classifies shapes by properties of lines and angles**

- Draws points, lines, line segments, rays and angles (right, acute, obtuse), and perpendicular and parallel lines

**G2: Two-dimensional figures**

- Classifies two-dimensional figures based on the presence or absence of parallel or perpendicular lines, or presence or absence of angles of a specified size
- Recognizes right triangles as a category and identifies right triangles

**G3: Symmetry**

- Recognizes line of symmetry for a two-dimensional figures as a line across the



## 4<sup>th</sup> Grade Quarter 4 Report Card Details

This quarter we will focus on the following standards:

figure such that the figure can be folded along the line into matching parts

- Identifies line-symmetric figures and draws lines of symmetry

## SCIENCE

### Life

#### **L1: Ecosystems**

- Describes the roles of organisms and the flow of energy through an ecosystem
- Identifies factors that affect survival/extinction of organisms

## SOCIAL STUDIES

### History

#### **H1, G2a: Native Americans**

- Westward Expansion

#### **H6, G2: Westward Expansion**

- Explains westward expansion in America between 1801-1861
- Explains how physical systems affected westward expansion

#### **H7: Abolitionist/Suffrage**

- Explains main idea of abolitionist and suffrage movements

### Government

#### **CG1-3: Government foundations**

- Describes the systems and functions of the government

#### **CG4: Democratic process**

- Describes the democratic principles

### Economics

#### **E1: Economic Concepts**

- Uses basic economic concepts

#### **E2: Personal Finance**

- Elements of personal budget