Grand Island Central School District
Fourth Grade Standards-Based Report Card Parent CCLS Reference Document

Student:_____ Teacher:_____

Common Core Learning Standards for English Language Arts

Reading Literature
Refer to details and examples in a text when explaining what the text says and when drawing inferences from the text
Determine a theme of a story, drama, or poem from details in the text; summarize the text
Describe in depth a character, setting, or event in a story or drama, drawing on specific details in the text
Determine the meaning of words and phrases as they are used in a text, including those that allude to characters found in mythology (i.e. Herculean)
Explain major differences between poems, drama, and prose, and refer to the structural elements of poems or drama when writing or speaking about a text
Compare and contrast the point of view from which different stories are narrated, including the difference between first and third-person narration
Make 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 text
Compare and contrast the treatment of similar themes and topics and patterns of events in stories, myths, and traditional literature from different cultures
Students will read and comprehend stories and poetry at the 4th grade level proficiency
Recognize, interpret and make connections in narratives, poetry, and drama, to other texts, ideas, cultural perspectives, personal events and situations. (a)
Reading Informational Text
Refer to details and examples in a text when explaining what the text specifically says and when drawing inferences from the text
Determine the main idea of a text and explain how it is supported by key details; summarize the text
Explain events, procedures, ideas, or concepts in a historical, scientific, or technical text, including what happened and why, based on specific information from the text
Determine the meaning of general academic and domain specific words and phrases in a text relevant to 4th grade topics and subjects
Describe the overall structure of events, ideas, concepts, or information in a text or part of a text
Compare and contrast a firsthand and second hand account of the same event or topic; describe the differences in focus and the information provided
Interpret information presented visually, orally, or in charts, diagrams, or timelines and explain how the information contributes to an understanding of the text
Explain how an author uses reasons and evidence to support particular points in a text
Integrate information from two texts on the same topic in order to write or speak about the subject knowledgeably
Read and comprehend informational texts, including history/social studies, science, and technical texts, at the 4th grade level proficiently
Reading Foundational Skills
Know and apply grade-level phonics and word analysis skills in decoding words (a)
Read with sufficient accuracy, fluency, purpose, understanding, and using context for monitoring reading, to support comprehension (a-c)

Common Core Learning Standards for English Language Arts – Fourth Grade

Writing
Write opinion piece on topics or texts, supporting a point of view with reasons and information (a-d)
With informative texts to examine a topic and convey ideas and information clearly (a-e)
Write narratives to develop a real or imagined experiences or events using effective technique, descriptive details, and clear event sequences (a-e)
Produce clear and coherent writing in which the development and organization are appropriate to task, purpose and audience
With guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, and editing
With guidance and support from adults, use technology including the Internet to produce and publish writing as well as to interact and collaborate with others; able to type a minimum of one page in one sitting
Conduct short research projects that build knowledge through investigation of different aspects of a topic
Recall information from experiences or gather information from print and digital sources; take notes and categorize information, and provide a list of sources
Draw evidence from literary or informational texts to support analysis, reflection, and research (a-b)
Write routinely over extended time frames and shorter time frames for a range of discipline-specific tasks, purposes, and audiences
Create and present a poem, narrative, play, art work, or literary review in response to a particular author or theme studied in class
Speaking and Listening
Engage effectively in small and large group discussion with diverse partners, building on others' ideas and expressing their own clearly (a-e)
Paraphrase portions of a text read aloud or information presented in diverse media and formats
Identify the reasons and evidence a speaker provides to support particular points
Report on a topic or text, tell a story, or recount an experience with appropriate facts and relevant, descriptive details, speaking clearly at an understandable pace
Add audio recordings and visual displays to presentations when appropriate to enhance the development of main ideas and themes
Differentiate between contexts that call for formal English and situations where informal English is appropriate to task and situation
Language
Demonstrate proper grammar and usage when writing or speaking with pronouns, prepositional phrases, and producing complete sentences (a-g)
Use grade appropriate conventions of standard English grammar, capitalization, punctuation, spelling and usage when writing or speaking. (a-d)
Use knowledge of language and its conventions when writing, speaking, reading, or listening (a-c)
Determine the meaning of unknown and multiple-meaning words and phrases based on grade 4 reading and content, choosing flexibility from a range of strategies (a-c)
Demonstrate understanding of figurative language, word relationships, and nuances in word meanings
Acquire and use grade-appropriate conversational, academic, and domain-specific words and phrases

Common Core Learning Standards for Mathematics – Fourth Grade

Operations and Algebraic Thinking
Use the four operations with whole numbers to solve problems. Interpret a multiplication equation as a comparison, e.g., interpret 35 = 5 x 7 as a statement that 35 is 5 times as many as 7 and 7 times as many as 5. Represent verbal statements of multiplicative comparisons as multiplication equations. Multiply or divide to solve word problems involving multiplicative comparison, eg.by using drawings and equations with a symbol for the unknown number to represent the problem, distinguishing multiplicative comparison g=]from additive comparison.
Gain familiarity with factors and multiples. Find all factor pairs for a whole number in the range 1-100. Recognize that a whole number is a multiple of each of its factors. Determine whether a given whole number in the range 1-100 is a multiple of a given one-digit number. Determine whether a given whole number in the range 1-100 is prime or composite.
Use the four operations with whole numbers to solve problems. Solve multistep word problems posed with whole numbers and having whole-number answers using the four operations, including problems in which remainders must be interpreted. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.
Generate and analyze patterns. Generate a number or shape pattern that follows a given rule. Identify apparent features of the pattern that were not explicit in the rule itself.
Number and Operations in Base Ten
Generalize place value understanding for multi-digit whole numbers. Recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right.
Read and write multi-digit whole numbers using base ten numerals, number names, and expanded form. Compare two multi-digit numbers based on meanings of the digits in each place, using >, +. <, symbols to record the results the results of comparisons.
Generalize place value understanding for multi-digit whole numbers. Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form. Compare two multi-digit numbers based on meanings of the digits in each place, using >, =, and < symbols to record the results of comparisons.
Generalize place value understanding for multi-digit whole numbers. Use place value understanding to round multi-digit whole numbers to any place (limited to whole numbers less than or equal to 1,000,000)
Use place value understanding and properties of operations to perform multi-digit arithmetic. Fluently add and subtract multi-digit whole numbers using the standard algorithm.
Use place value understanding and properties of operations to perform multi-digit arithmetic. Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers, using strategies based on place value and the properties of operations. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.
Use place value understanding and properties of operations to perform multi-digit arithmetic. Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations.
Number and Operations - Fractions
Extend understanding of fraction equivalence and ordering. Explain why a fraction a/b is equivalent to a fraction (n × a)/(n × b) by using visual fraction models, with attention to how the number and size of the parts differ even though the two fractions themselves are the same size. Use this principle to recognize and generate equivalent fractions
Extend understanding of fraction equivalence and ordering. Compare two fractions with different numerators and different denominators, e.g., by creating common denominators or numerators, or by comparing to a benchmark fraction such as 1/2.
Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers. (4a-c)
Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers. Apply and extend previous understandings of multiplication to multiply a fraction by a whole number. Understand a fraction a/b with a>1 as a sum of fractions 1/b. (3a-d)
Understand decimal notation for fractions, and compare decimal fractions. Express a fraction with denominator 10 as an equivalent fraction with denominator 100, and use this technique to add two fractions with respective denominators 10 and 100. Use decimal notation for fractions with denominators 10 or 100

Common Core Learning Standards for Mathematics – Fourth Grade

Measurement and Data
Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. Know relative sizes of measurement units within one system of units including km, m, cm; kg, g; lb, oz.; l, ml; hr, min, sec. Within a single system of measurement, express measurements in a larger unit in terms of a smaller unit. Record measurement equivalents in a two column table.
Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. Use the four operations to solve word problems involving distances, intervals of time, liquid volumes, masses of objects, and money, including problems involving simple fractions or decimals, and problems that require expressing measurements given in a larger unit in terms of a smaller unit. Represent measurement quantities using diagrams such as number line diagrams that feature a measurement scale.
Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. Apply the area and perimeter formulas for rectangles in real world and mathematical problems. For example, find the width of a rectangular room given the area of the flooring and the length, by viewing the area formula as a multiplication equation with an unknown factor.
Represent and interpret data. Make a line plot to display a data set of measurements in fractions of a unit (1/2, 1/4, 1/8). Solve problems involving addition and subtraction of fractions by using information presented in line plots.
Geometric measurement: understand concepts of angle and measure angles. Recognize angles as geometric shapes that are formed wherever two rays share a common endpoint, and understand concepts of angle measurement.
Geometric measurement: understand concepts of angle and measure angles. Measure angles in whole-number degrees using a protractor. Sketch angles of specified measure.
Geometric measurement: understand concepts of angle and measure angles. Recognize angle measure as additive. When an angle is decomposed into non-overlapping parts, the angle measure of the whole is the sum of the angle measures of the parts. Solve addition and subtraction problems to find unknown angles on a diagram in real world and mathematical problems.
Geometry:
Draw and identify lines and angles, and classify shapes by properties of their lines and angles
Draw points, lines, line segments, rays, angles (right, acute, obtuse), and perpendicular and parallel lines. Identify these in two-dimensional figures.
Classify two-dimensional figures based on the presence or absence of parallel or perpendicular lines, or the presence or absence of angles of a specified size. Recognize right triangles as a category, and identify right triangles.
Recognize a line of symmetry for a two-dimensional figure as a line across the figure such that the figure can be folded along the line into matching parts. Identify line-symmetric figures and draw.