RENDEZVOUS ESSENTIAL STANDARDS

GOAL- 70% OF RENDEZVOUS ELEMENTARY STUDENTS WILL DEMONSTRATE PROFICIENCY OF ESSENTIAL STANDARDS AS MEASURED BY DISTRICT SUMMATIVE ASSESSMENTS.

1 SOLVE WORD PROBLEMS

4.OA.3 -- 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.

2 READ, WRITE, COMPARE NUMBERS

4.NBT.2 -- 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.

3 FLUENTLY ADD & SUBTRACT

4.NBT.4 -- Fluently add and subtract multi-digit whole numbers using the standard algorithm.

4 MULTIPLY, ILLUSTRATE, EXPLAIN

4.NBT.5 -- 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.

5 DIVISION WITH REMAINDERS

4.NBT.6 -- 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, rectangular arrays, and/or area models.

6 EQUIVALENT FRACTIONS

4.NF.1 -- 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.

7 COMPARE FRACTIONS

4.NF.2 -- 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. Recognize that comparisons are valid only when the two fractions refer to the same whole. Record the results of comparisons with symbols >, =, or <, and justify the conclusions, e.g., by using a visual fraction model.

8 COMPARE DECIMALS

4.NF.7 -- Compare two decimals to hundredths by reasoning about their size. Recognize that comparisons are valid only when the two decimals refer to the same whole. Record the results of comparisons with the symbols >, =, or <, and justify the conclusions, e.g., by using a visual model.

9 AREA & PERIMETER

4.MD.3 -- 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.

10 CLASSIFY 2D FIGURES

4.G.2 -- 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.

FOURTH GRADE MATH

TAKEN FROM THE WYOMING CONTENT AND PERFORMANCE STANDARDS

RENDEZVOUS ESSENTIAL STANDARDS

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1

UNDERSTAND PLACE VALUE

5.NBT.1 -- Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.

2

READ, WRITE, COMPARE DECIMALS

5.NBT.3 -- Read, write, and compare decimals to thousandths.

3

FLUENTLY MULTIPLY

5.NBT.5 -- Fluently multiply multi-digit whole numbers using the standard algorithm.

4

LONG DIVISION

5.NBT.6 -- Find whole-number quotients of whole numbers with up to four-digit dividends and two-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, rectangular arrays, and/or area models.

5

÷× DECIMALS

5.NBT.7 -- Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.

6

FRACTION WORD PROBLEMS

5.NF.2 -- Solve word problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators, e.g., by using visual fraction models or equations to represent the problem. Use benchmark fractions and number sense of fractions to estimate mentally and assess the reasonableness of answers. For example, recognize an incorrect result 2/5 + 1/2 = 3/7, by observing that 3/7 < 1/2.

7

INTERPRET FRACTIONS

5.NF.3 -- Interpret a fraction as division of the numerator by the denominator (a/b = a ÷ b). Solve word problems involving division of whole numbers leading to answers in the form of fractions or mixed numbers, e.g., by using visual fraction models or equations to represent the problem.

8

REAL WORLD WORD PROBLEMS

5.NF.6 -- Solve real world problems involving multiplication of fractions and mixed numbers, e.g., by using visual fraction models or equations to represent the problem.

9

VOLUME WORD PROBLEMS

5.MD.5 -- Relate volume to the operations of multiplication and addition and solve real world and mathematical problems involving volume.

10

COORDINATES IN CONTEXT

5.G.2 -- Represent real world and mathematical problems by graphing points in the first quadrant of the coordinate plane, and interpret coordinate values of points in the context of the situation.

FIFTH GRADE MATH

TAKEN FROM THE WYOMING CONTENT AND PERFORMANCE STANDARDS

RENDEZVOUS ESSENTIAL STANDARDS

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1 DETAILS IN LITERATURE

RL.4.1 -- Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.

2 DETERMINE THEME/SUMMARIZE

RL.4.2 -- Determine a theme of a story, drama, or poem from details in the text; summarize the text.

3 DETAILS IN INFORMATIONAL TEXT

RI.4.1 -- Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.

4 MAIN IDEA & SUPPORTING DETAILS

RI.4.2 -- Determine the main idea of a text and explain how it is supported by key details; summarize the text.

5 OPINION WRITING

W.4.1 -- Write opinion pieces on topics or texts, supporting a point of view with reasons and information.

6 INFORMATIVE/EXPLANATORY WRITING

W.4.2 -- Write informative/explanatory texts to examine a topic and convey ideas and information clearly.

7 CONVENTIONS

L.4.2 -- Demonstrate command of the conventions of standard English: capitalization, punctuation, and spelling when writing.

8 MEANING OF UNKNOWN WORDS

L.4.4 -- Determine or clarify the meaning of *grade appropriate* unknown and multiple-meaning words and phrases based on grade 4 reading and content, choosing flexibly from a range of strategies.

FOURTH GRADE ELA

TAKEN FROM THE WYOMING CONTENT AND PERFORMANCE STANDARDS

RENDEZVOUS ESSENTIAL STANDARDS

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1 QUOTE ACCURATELY FROM LITERATURE

RL.5.1 -- Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.

2 DETERMINE THEME/SUMMARIZE

RL.5.2 -- Determine a theme of a story, drama, or poem from details in the text, including how characters in a story or drama respond to challenges or how the speaker in a poem reflects upon a topic; summarize the text.

3 QUOTE ACCURATELY FROM INFORMATIVE TEXT

RI.5.1 -- Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.

4 TWO OR MORE MAIN IDEAS

RI.5.2 -- Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text.

5 OPINION WRITING

W.5.1 -- Write opinion pieces on topics or texts, supporting a point of view with reasons and information.

6 INFORMATIVE/EXPLANATORY WRITING

W.5.2 -- Write informative/explanatory texts to examine a topic and convey ideas and information clearly.

7 GRAMMAR

L.5.1 -- Demonstrate command of the conventions of *grade appropriate* standard English grammar and usage when writing or speaking.

8 CONVENTIONS

L.5.2 -- Demonstrate command of the conventions of *grade appropriate* standard English: capitalization, punctuation, and spelling when writing.

FIFTH GRADE ELA

TAKEN FROM THE WYOMING CONTENT AND PERFORMANCE STANDARDS