

THE CREEK

INDIAN CREEK SCHOOLS

5th Grade Math

Quarter 1

Mastered:

5.M.4 Find the volume of a right rectangular prism with whole-number side lengths by packing it with unit cubes, and show that the volume is the same as found by multiplying the edge lengths or multiplying the height by the area of the base. (E)

5.M.5 Apply the formulas $V=l \times w \times h$ and $V = b \times h$ for right rectangular prisms to find volumes of right rectangular prisms with whole-number edge lengths to solve real-world problems and other mathematical problems. (E)

5.CA.2 Solve real-world problems involving multiplication and division of whole numbers (e.g., by using equations to represent the problem). In division problems that involve a remainder, explain how the remainder affects the solution to the problem. (E) (division is taught during 2nd quarter)

5.CA.9 - Add, subtract, multiply, and divide decimals to hundredths, using models or drawings and strategies based on place value or the properties of operations. Describe the strategy and explain the reasoning. (Division is taught during the 2nd quarter.)

5.CA.10 - Solve real-world problems involving addition, subtraction, multiplication, and division with decimals to hundredths including problems that involve money in decimal notation (e.g. by using equations, models or drawings, and strategies based on place value or properties of operations to represent the problem. (Division is taught during the 2nd quarter.) (E)

Quarter 2

Mastered:

5.CA.1 Find whole-number quotients and remainders with up to four-digit dividends and two-digit divisors using strategies based on place value, the properties of operations, and/or the relationship (E)

5.CA.4 Solve real-world problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators (e.g. by using visual fraction models and equations to represent the problem). Use benchmark fractions and number sense of fractions to estimate mentally and assess whether the answer is reasonable. (E)

5.CA.9 Add, subtract, multiply, and divide decimals to hundredths, using models or drawings and strategies based on place value or the properties of operation. Describe the strategy and explain the reasoning.

5.CA.10 Solve real-world problems involving addition, subtraction, multiplication, and division with decimals to hundredths including problems that involve money in decimal notation (e.g. by using equations, models, or drawings, and strategies based on place value or properties of operations to represent the problem.

Quarter 3

Mastered:

5.CA.3 Add and subtract fractions and mixed numbers with unlike denominators using strategies or the standard algorithm.

5.CA.5 Use visual fraction models to multiply a fraction by a fraction or a whole number. (E)

5.CA.6 Use visual fraction models and numbers to divide a fraction by a fraction or a whole number. (E)

5.CA.7 Solve real-world problems involving multiplication of fractions, including mixed numbers (e.g. by using visual fraction models and equations to represent the problem (E).

5.CA.8 Solve real-world problems involving division of fractions and mixed numbers (e.g. by using visual fraction models and equations to represent the problem. (E)

Quarter 4

Mastered:

5.M.3 Develop and use formulas for the area of triangles, parallelograms, and trapezoids. Solve real-world and other mathematical problems that involve perimeter and area of triangles, parallelograms, and trapezoids, using appropriate units for measures. (E)

5.DA.1 Formulate questions that can be addressed with categorical and numerical data and make predictions about the data. Collect, organize, and graph data from observations, surveys, and experiments using line

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plots with fractional intervals, histograms, or other graphical representations that appropriately represent the data set. (E)

5.DA.2 Calculate measures of central tendency (mean, median, and mode) to describe a data set. Analyze data sets to determine which measure of central tendency appropriately describes the distribution of data. (E)