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| What is it we expect students to learn? | |
| Grade: **5th Grade** | Subject: **Mathematics** |

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| First Quarter  **Place Value, Multiplication, Decimals**  **5.OA.A.1** Use parentheses and brackets in numerical expressions, and evaluate expressions with these symbols  **5.NBT.B.7** Add, subtract, multiply, and divide decimals to hundredths, connecting objects or drawings to strategies based on place value, properties of operations, and/or the relationship between operations. Relate the strategy to a written form.  **5.NBT.B.5** Fluently multiply multi-digit whole numbers using a standard algorithm.  EnVisions 1, 2,3, 4 | Second Quarter  **Fractions, Multiplication, Volume**  **5.NF. 1** Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators (e.g., 2/3 + 5/4 = 8/12 + 15/12 = 23/12).  **5.NF.B.3** Interpret a fraction as the number that results from dividing the whole number numerator by the whole number denominator (a/b = a ÷ b). Solve word problems involving division of whole numbers leading to answers in the form of fractions or mixed numbers.  EnVisions Topic 5,6, 7, 10 |
| Third Quarter  **Operations, Geometry**  **5. NF. B.4** Apply and extend previous understandings of multiplication to multiply a fraction by a whole number and a fraction by a fraction.  a. Interpret the product (*a/b*) x *q* as *a* parts of a partition of *q* into *b* equal parts. *For example, use a visual fraction model to show (2/3) x 4 = 8/3, and create a story context for this equation.* b. Interpret the product of a fraction multiplied by a fraction (*a/b*) x (*c/d*). Use a visual fraction model and create a story context for this equation*. For example, use a visual fraction model to show (2/3) x (4/5) = 8/15, and create a story context for this equation.* In general, (*a/b*) x (*c/d*) = *ac/bd*.  c. Find the area of a rectangle with fractional side lengths by tiling it with unit squares of the appropriate unit fraction side lengths, and show that the area is the same as would be found by multiplying the side lengths. Multiply fractional side lengths to find areas of rectangles, and represent fraction products as rectangular areas.  **5.NBT.B.5 –** Fluently multiply multi-digit whole numbers using a standard algorithm.  **5.NBT.B.6 -** Apply and extend understanding of division to find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors.  **5.MD.C.3** Recognize volume as an attribute of solid figures and understand concepts of volume measurement.  EnVisions Topic 10, 14, 15, 16 | Fourth Quarter  **Geometry**  **5.G.B.3** Understand that attributes belonging to a category of two-dimensional figures also belong to all subcategories of that category.  EnVisions 16 |