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| What is it we expect students to learn? | |
| Grade: **3rd Grade** | Subject: **Mathematics** |

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| First Quarter  **Addition and Subtraction**  **3.NBT.A.2** Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction.  EnVisions Topic 8, 9, 1 | Second Quarter  **Multiplication and Division**  **3.OA.C.7** Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g. knowing that 8x5 =40, one knows 40 divided by 5+ 8) or properties of operations. By the end of Grade 3 , know from memory all products of two one-digit numbers.  **3.OA.A.3** Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities. See Table 2.  EnVisions Topic 2,3,4,5 |
| Third Quarter  **Multiplication/ Division and Fractions**  **3.OA.C.7** Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g. knowing that 8x5 =40, one knows 40 divided by 5+ 8) or properties of operations. By the end of Grade 3 , know from memory all products of two one-digit numbers.  **3.OA.A.3** Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities. See Table 2.  **3.NF.A.3** Explain equivalence of fractions in special cases, and compare fractions by reasoning about their size. a. Understand two fractions as equivalent if they have the same relative size compared to 1 whole. b. Recognize and generate simple equivalent fractions. Explain why the fractions are equivalent. c. Express whole numbers as fractions, and recognize fractions that are equivalent to whole numbers. d. Compare two fractions with the same numerator or the same denominator by reasoning about their size. Understand that comparisons are valid only when the two fractions refer to the same whole. Record results of comparisons with the symbols >, =, or <.  EnVisions Topic 6,12, 13 | Fourth Quarter  **Word Problems**  **3.OA.A.3** Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities. See Table 2.  **3.OA.D.8** Solve two-step word problems using the four operations. Represent these problems using equations with a letter standing for the unknown quantity. Utilize understanding of the Order of Operations when there are no parentheses.  EnVisions Topic 11 |