

CURRICULUM MAP

Subject: Math Grade: 3rd Quarter: 2nd SY: 16-17

Month Oct/ Nov/ Dec/ Jan	WEEK 1 _____	WEEK 2 _____	WEEK 3 _____	WEEK 4 _____	WEEK 5 _____
<p>Concept (CCSS Standards) Big Idea 1, Quarter 2: (5 wks)</p> <p>Students will apply multiplication strategies to solve multi-step problems fluently.</p> <p>Essential Question(s):</p> <p>What is multiplication?</p> <p>What multiplication strategy might apply to a situation?</p> <p>How do you determine that the multiplication strategy worked?</p>	<p>3.OA.1 Interpret products of whole numbers, eg., interpret 5×7 as the total number of objects in 5 groups of 7 objects each</p>	<p>3.OA.5 Apply properties of operations as strategies to multiply and divide.</p> <p>3.OA.9 - Identify arithmetic patterns (including patterns in the addition table or multiplication table), and explain them using properties of operations. For example, observe that 4 times a number is always even, and explain why 4 times a number can be decomposed into two equal addends.</p>	<p>3.OA.7 Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that $8 \times 5 = 40$, one knows $40 \div 5 = 8$) or properties of operations. <u>By the end of Grade 3</u>, know from memory all products of two one-digit numbers.</p> <p>3.NBT.3 – Multiply one-digit whole numbers by multiples of 10 in the range 10-90 (e.g., 9×80, 5×60) using strategies based on the place value and properties of operations</p>	<p>3.OA.7 Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that $8 \times 5 = 40$, one knows $40 \div 5 = 8$) or properties of operations. <u>By the end of Grade 3</u>, know from memory all products of two one-digit numbers.</p> <p>3.OA.3- Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.</p>	<p>3.OA.8- Solve two-step word problems using the four operations. 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. <u>(Multiplication)</u></p>
<p>Skill (Aimsweb, DIBELS)</p>	<p>Multiply & Divide one and two-digit numbers Find a numeric pattern Solve multiple step problems</p>	<p>Understand place value Find a numeric pattern Number Sense Compare numbers Round whole numbers</p>	<p>Round whole numbers Solve multiple step problems Reasoning Find a numeric pattern Number Sense Compare numbers</p>	<p>Word problems Solve multiple step problems Find a numeric pattern Number Sense Compare numbers</p>	<p>Word problems Solve multiple step problems</p>

Assessment	Drill and Practice Math Facts Group work Independent worksheets Quiz/Test	Drill and Practice Math Facts Group work Independent worksheets Quiz/Test	Drill and Practice Math Facts Group work Independent worksheets Quiz/Test	Drill and Practice Math Facts Group work Independent worksheets Quiz/Test	Drill and Practice Math Facts Group work Independent worksheets Quiz/Test
Homework	Aligned Common Core worksheets Supplementary Resources	Aligned Common Core worksheets Place value worksheets Math Facts	Aligned Common Core worksheets Supplementary Resources	Aligned Common Core worksheets Supplementary Resources	Aligned Common Core worksheets Supplementary Resources
Resources/ Materials	DI Materials/Merrill Mathematics Mathematics Plus Textbook Common Core worksheets Online Resources & worksheets	DI Materials/Merrill Mathematics Mathematics Plus Textbook Common Core worksheets Online Resources & worksheets	DI Materials/Merrill Mathematics Mathematics Plus Textbook Common Core worksheets Online Resources & worksheets	DI Materials/Merrill Mathematics Mathematics Plus Textbook Common Core worksheets Online Resources & worksheets	DI Materials/Merrill Mathematics Mathematics Plus Textbook Common Core worksheets Online Resources & worksheets

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Month Oct/ Nov/ Dec/ Jan	WEEK 6 _____	WEEK 7 _____	WEEK 8 _____	WEEK 9 _____
Concept (CCSS Standards)	3.OA.8- Solve two-step word problems using the four operations. 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. <u>(Addition, Subtraction, Multiplication)</u>	3.MD.2 Measure and estimate liquid volumes and masses of objects using standard units of grams (g), kilograms (kg), and liters (l). Add, subtract, multiply, or divide to solve one-step word problems involving masses or volumes that are given in the same units, e.g., by using drawings (such as a beaker with a measurement scale) to represent the problem.	3.MD.2 Measure and estimate liquid volumes and masses of objects using standard units of grams (g), kilograms (kg), and liters (l). Add, subtract, multiply, or divide to solve one-step word problems involving masses or volumes that are given in the same units, e.g., by using drawings (such as a beaker with a measurement scale) to represent the problem.	3.G.1 Understand that shapes in different categories (e.g. rhombuses, rectangles, and others) may share attributes (e.g. having four sides), and that the shared attributes can define a larger category (e.g. quadrilaterals). Recognize rhombuses, rectangles, and squares as examples of quadrilaterals, and draw examples of quadrilaterals that do not belong to any of these subcategories.
Skill (Aimsweb, DIBELS)	Word problems Solve multiple step problems	Measuring Volume and Mass Problem solving	Measuring Volume and Mass Problem solving	Identifying Attributes of Shapes Classifying Plane Shapes
Assessment	Drill and Practice Math Facts Group work Independent worksheets Quiz/Test	Drill and Practice Math Facts Group work Independent worksheets Quiz/Test	Drill and Practice Math Facts Group work Independent worksheets Quiz/Test	Drill and Practice Math Facts Group work Independent worksheets Quiz/Test
Homework	Aligned Common Core worksheets Supplementary Resources	Aligned Common Core worksheets Place value worksheets Math Facts	Aligned Common Core worksheets Place value worksheets Math Facts	Aligned Common Core worksheets

Resources/ Materials	DI Materials/Merrill Mathematics Mathematics Plus Textbook Common Core worksheets Online Resources & worksheets	DI Materials/Merrill Mathematics Common Core worksheets Online Resources & worksheets	DI Materials/Merrill Mathematics Common Core worksheets Online Resources & worksheets	DI Materials/Merrill Mathematics Common Core worksheets Online Resources & worksheets
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