

	Common Core Learning Standard	1st Quarter	2nd quarter	3rd quarter	4th Quarter
3.OA.1	Interpret products of whole numbers	Xintroduce	Xpractice	Xpractice	Xpractice
3.OA.2	Interpret whole-number quotients of whole numbers		Xintroduce	Xpractice	Xpractice
3.OA.3	Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurements quantities		Xintroduce	Xpractice	Xpractice
3.OA.4	Determine the unknown whole number in a multiplication or division equation relating three whole numbers		Xintroduce	Xpractice	Xpractice
3.OA.5	Apply properties of operations as strategies to multiply and divide		Xintroduce	Xpractice	Xpractice
3.OA.6	Understand division as an unknown-factor problem		Xintroduce	Xpractice	Xpractice
*3.OA.7	Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division**		Xintroduce	Xpractice	MASTERY
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		Xintroduce	Xpractice	Xpractice
3.OA.9	Identify arithmetic patterns and explain them using properties of operations			Xintroduce	Xpractice
3.NBT.1	Use place value understanding to round whole numbers to the nearest ten or hundred	Xintroduce	Xpractice	Xpractice	
*3.NBT.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**	Xpractice	Xpractice	Xpractice	MASTERY
3.NBT.3	Multiply one-digit whole numbers by multiples of 10 in the range 10-90 using strategies based on place value and properties of operations		Xintroduce	Xpractice	
3.NF.1	Understand a fraction $\frac{1}{b}$ as the quantity formed by 1 part when a whole is partitioned into b equal parts; understand a fraction $\frac{a}{b}$ as the quantity formed by a parts of size $\frac{1}{b}$			Xintroduce/ practice	Xpractice
3.NF.2	Understand a fraction as a number on the number line; represent fractions on a number line diagram			Xintroduce/ practice	Xpractice
3.NF.3	Explain equivalence of fractions in special cases, and compare fractions by reasoning about their size			Xintroduce/ practice	Xpractice
3.MD.1	Tell and write time to the nearest minute and measure time intervals in minutes. Solve word problems involving addition and subtraction of time intervals in minutes	Xpractice	Xpractice		

****Required Fluencies For Grade 3**

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, and divide to solve one-step word problems involving masses or volumes that are given in the same units		<i>Xintroduce/ practice</i>	<i>Xpractice</i>	
3.MD.3	Draw a scaled picture graph and a scaled bar graph to represent a data set with several categories. Solve one- and two-step “how many more” and “how many less” problems using information presented in scaled bar graph			<i>Xintroduce/ practice</i>	
3.MD.4	Generate measurement data by measuring lengths using rulers marked with halves and fourths of an inch. Show the data by making a line plot, where the horizontal scale is marked off in appropriate units – whole numbers, halves, or quarters				<i>Xpractice/ build</i>
3.MD.5	Recognize area as an attribute of plane figures and understand concepts of area measurement		<i>Xintroduce/ practice</i>	<i>Xpractice</i>	
3.MD.6	Measure areas by counting unit squares		<i>Xintroduce/ practice</i>	<i>Xpractice</i>	
3.MD.7	Relate area to the operations of multiplication and addition		<i>Xpractice/ build</i>	<i>Xpractice</i>	
3.MD.8	Solve real world and mathematical problems involving perimeters of polygons, including finding the perimeter given the side lengths, finding an unknown side length, and exhibiting rectangles with the same perimeter and different areas or with the same area and different perimeters				<i>Xpractice/ build</i>
3.G.1a	Understand that shapes in different categories may share attributes, and that the attributes can define a larger category				<i>Xpractice/ build</i>
3.G.1b	Recognize rhombuses, rectangles and squares as examples of quadrilaterals, and draw examples of quadrilaterals that do not belong to any of these subcategories				<i>Xpractice/ build</i>
3.G.2	Partition shapes into parts with equal areas. Express the area of each part as a unit fraction of the whole		<i>Xpractice/ build</i>	<i>Xpractice/ build</i>	
	<i>Xintroduce -- new concept/skill for students</i>				
	<i>Xpractice -- students will need to continue working with this concept until proficient</i>				
	<i>Xpractice/ build -- students should have some background knowledge/skills from second grade; may need to introduce new vocabulary; ie. area, perimeter, unit fraction</i>				
	MASTERY-- proficient; required fluency for Grade 3				