GRADE 3 Mathematics	Quarter 2 – Units 3, 4 & 5 Reported
Standards for Mathematical Practice	
Makes sense of a problem and creates a plan to solve it	Based on teacher observation during math
Perseveres in solving problems	Based on teacher observation during math
Attends to detail using precise math words / symbols and works carefully and accurately	Based on teacher observation during math
Explains mathematical thinking orally and in written form to justify why the answer makes sense	Based on teacher observation during math
Basic Facts	
Automatically recalls addition basic facts	See basic facts assessment data
Automatically recalls subtraction basic facts	See basic facts assessment data
Operations and Algebraic Thinking	

Operations and Algebraic Thinking			
Understands relationship between multiplication / division and applies properties	**4e** **OA.5**	I can multiply by 0, 1, and 2 by using multiplication properties and my "doubles" facts and complete fact triangles and fact families.	**fact family: 7, 2, 14** 7 x 2 = 14 14 ÷ 7 = 2 2 x 7 = 14 14 ÷ 2 = 7

Number and Operations in Base Ten			
Reads, writes, compares and rounds number within 100,000	**3f** **NBT.1** **OA.9**	I can write the number that is 100 more than a number in the tens, hundreds, or thousands.	100 more 84 184 705 805 3,241 3,341
	5c **NBT.1**	I can read and write whole numbers under 100,000.	5,689 = "five thousand, six hundred eighty-nine" "twenty-five thousand, eight hundred ninety-four" = 25,894
	5d **NBT.1**	I can identify place value in numbers less than 100,000.	23,416 3 is in the _____ place. There are _____ hundreds.
	5e **NBT.1**	I can compare 4 and 5 digit whole numbers using >, <, and =.	5,689 < 5,690 53,245 > 52,543
Understands place value in decimals to the tenths place	**5f** **NBT.4**	I can read, write, and identify place value in decimals to the tenths place.	6.3 = "six and three tenths" "four and five tenths" = 4.5 "2 and 3 tenths" = 2.3

Measurement and Data	

Tells and writes time to the nearest minute	**3e** **MD.1**	I can tell time to the nearest minute and correctly record my starting times in my journal.	10 : 43
	5g **MD.1**	I can tell time to the nearest minute.	7:27

Solves problems involving money	**5a** **4th prep** **MD.3**	I can calculate, read, and write money totals in decimal notation.	4 dollars, 2 quarters, and 1 dime = $4.60

Measures to the nearest half-inch and half-centimeter	**3a** **MD.4**	I can measure line segments and objects to the nearest inch and ½ inch.	$2\frac{1}{2}$ in.
	3b **MD.4**	I can measure line segments and objects to the nearest cm and ½ cm.	$4\frac{1}{2}$ cm
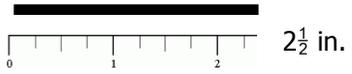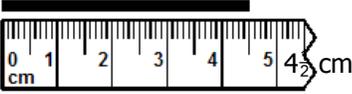
Understands and applies concepts of area to solve problems	**3d** **MD.6** **MD.7 a**	I can calculate the area of rectangles by counting square units.	2 x 3 = 6 area = 6 sq units
	4b **MD.7 b**	I can calculate area, including those in number stories, and write the matching multiplication number model.	Marsha's garden measures 3 m x 5 m. How much of her yard does the garden take up? 3 x 5 <u>15</u> sq. meters
	4c **MD.7 d**	I can calculate the areas of adjacent rectangles to find the total area, including those in number stories.	Find the area:
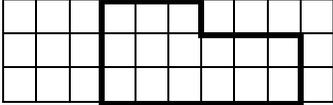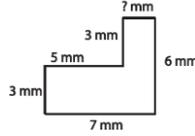
Understands and applies concepts of perimeter to solve problems	**3c** **MD.8**	I can find the perimeter of a polygon by counting units or measuring side lengths.	perimeter= 10 units
	4a **MD.8**	I can calculate the perimeter of a polygon, including those with an unknown side length.	The perimeter is 16. One side is 3. Draw the rectangle. Find the missing side and perimeter.
	4d **MD.8**	I can draw rectangles with the same area and different perimeters or the same perimeter and different areas.	Draw 2 different rectangles with a perimeter of 10 units.