Fifth Grade   Quarter 2 (November 13-January 25) & Quarter 3 (January 28-April 5)   Math Matrix

Unit Name	Investigations	Sessions	Math Main Ideas	Assessments
UNIT 6 - BETWEEN 0 AND 1 *Rational Numbers 2: Addition and Subtraction*	1 - 2	17		Checklists, Games, Quizzes and Unit Test
5.NBT.A.1 Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left. 5.NBT.A.3a Read, write, and compare decimals to thousandths. Read and write decimals to thousandths using base-ten numerals, number names, and expanded form, e.g., 347.392 = 3 x 100 + 4 x 10 + 7 x 1 + 3 x (1/10) + 9 x (1/100) + 2 x (1/1000).	1 – REPRESENTING AND COMPARING DECIMALS	1.1-1.8	Understanding the Meaning of Decimals Comparing Decimals	A45-46 Quiz 1 1.7 A47 Comparing and ordering decimals 1.8
5.NBT.A.3b Read, write, and compare decimals to thousandths. Compare two decimals to thousandths based on meanings of the digits in each place, using >, =, and <, symbols to record the results of comparisons. 5.NBT.A.4 Use place value understanding to round decimals to any place. 5.NBT.B.5 Fluently multiply multi-digit whole numbers using the standard algorithm.	2 –ADDING AND SUBTRACTING DECIMALS	2.1-2.3	Understanding the Meaning of Decimals Adding and subtracting decimals	
	Quarter 3 Begins (January 28-April 6)			
5.NBT.B.6 Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models. 5.NF.A.2 Solve word problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators, e.g., by using visual fraction models or equations to represent the problem. Use benchmark fractions and number sense of fractions to estimate mentally and assess the reasonableness of answers. For example, recognize an incorrect result 2/5 + 1/2 = 3/7 , by observing that 3/7 < 1/2 .		2.4-2.9		A49 Quiz 2.7 A50-51 Addition, Subtraction, and Place Value of Decimals 2.7 UNIT 6 TEST