Second Grade   Math Matrix

Unit Name	Investigations	Sessions	Math Main Ideas	Assessments
Unit 5 – HOW MANY TENS? HOW MANY HUNDREDS? *Addition, Subtraction, and the Number System 3*	1-3	20 Approx 19-20 days		Checklists, Games, Quizzes and Unit Test
2.OA.A.1 Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions. 2.OA.B.2 Fluently add and subtract within 20 using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers. 2.NBT.A.1a Understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones 2.NBT.A.1b Understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones	1 – COMBINATIONS OF 100	1.1-1.6	Fluency within 20 Understanding, representing, and solving problems involving addition and subtraction Understanding place value Using knowledge of place value to add and subtract	A39 How Much More to $1.00? (1.6)
2.NBT.A.2 Count within 1000; skip-count by 2s, 5s, 10s, and 100s. 2.NBT.A.3 Read and write numbers to 1000 using base-ten numerals, number names, and expanded form. 2.NBT.A.4 Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using >, =, and < symbols to record the results of comparisons. 2.NBT.B.5 Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction. 2.NBT.B.6 Add up to four two-digit numbers using strategies based on place value and properties of operations. 2.NBT.B.8 Mentally add 10 or 100 to a given number 100-900, and mentally subtract 10 or 100 from a given number 100-900.	2 – ADDING WITHIN 100 AND COUNTING TO 1,000	2.1-2.6	Understanding, representing, and solving problems involving addition and subtraction Understanding place value Using knowledge of place value to add and subtract Understanding and extending	Quiz 1 A40 (2.6)
2.NBT.B.9 Explain why addition and subtraction strategies work, using place value and the properties of operations. 2.MD.B.6 Represent whole numbers as lengths from 0 on a number line diagram with equally spaced points corresponding to the numbers 0, 1, 2, ..., and represent whole-number sums and differences within 100 on a number line diagram. 2.MD.C.7 Tell and write time from analog and digital clocks to the nearest five minutes, using A.M. and P.M. 2.MD.C.8 Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using $ and ¢ symbols appropriately	3- FLUENCY WITHIN 100	3.1-3.8	Understanding, representing, and solving problems involving addition and subtraction Understanding knowledge of place value to add and subtract Extending the counting sequence	Quiz 2 A41-A42 (3.7) A43-A44 How Many Points? (3.8) A45 Skip Counting Strips (3.8) **UNIT 5 TEST**