Second Grade Math Matrix

Unit Name	Investigations	Sessions	Math MainIdeas	Assessments
UNIT 6 – HOW FAR CAN YOU JUMP?	1.2	12		Checklists, Games,
Linear Measurement	1-3	Approx. 12-15 days		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; e.g., 706 equals 7 hundreds, 0 tens, and 6 ones. Understand the following as special cases: 100 can be thought of as a bundle of ten tens — called a "hundred." 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. 	1-THE LAND OF INCH	1.1- 1.6	Using linear units Collecting and representing data Understanding, representing and solving problems involving addition and subtraction	A47 A Measurement Disagreement (1.6)
 2.NBT.B.6 Add up to four two-digit numbers using strategies based on place value and properties of operations. 2.MD.A.1 Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes. 2.MD.A.2 Measure the length of an object twice, using length units of different lengths for the two measurements; describe how the two measurements relate to the size of the unit chosen. 2.MD.A.3 Estimate lengths using units of inches, feet, centimeters, and meters. 2.MD.A.4 Measure to determine how much longer one object is than another, expressing the length difference in terms of a standard length unit. 2.MD.B.5 Use addition and subtraction within 100 to solve word problems involving lengths that are given in the same units. 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 wholenumber 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.D.9 Generate measurement data by measuring lengths of several objects to the nearest whole unit, or by making repeated measurements of the same object. Show the measurements by making a line plot, where the horizontal scale is marked off in 	2 – TWO MEASUREMENT SYSTEMS	2.1-2.6	Using linear units Measuring with standard units Collecting and representing data Understanding, representing and solving problems involving addition and subtraction	Ouiz 1 A48-49 (2.5) A50-51 Measuring and Comparing Lengths (2.6) UNIT 6 TEST