Time Essential Qu	estions/Content	Standards/Skills		Assessments
in Base Ten/OAlgebraic Thin• What strateadd and sub• Understand• Use place vand propertadd and sub• Represent ainvolving asubtraction• Add and sub• Work with	king gies do we use to otract?place value. alue understanding ies of operations to otract. und solve problems ddition and• btract within 20. equal groups of ain foundations for	 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: a. 100 can be thought of as a bundle of ten tens - called a "hundred." b. The numbers 100, 200, 300, 400, 500, 600, 700, 800, 900 refer to one, two, three, four, five, six, seven, eight, or nine hundreds (and 0 tens and 0 ones). Count within 1000; skip count by 100s to 1000 and by 10s to 200. Read numerals to 1000. Compare two two-digit numbers based on meanings of the tens and ones digits, using >, =, and < symbols to record the results of comparisons. Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction. Add up to two two-digit numbers using strategies based on place value and properties of operations. Use addition and subtraction within 20 to solve one-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem. Fluently add and subtract within 20 using mental strategies. Determine whether a group of objects (up to 20) has an odd or even number of members, e.g., by pairing objects or counting them by 2s. 	•	Preassessment: Ten Facts and Doubles Unit assessment Teacher observation Student discussion/work Teacher checkpoints

Time	Essential Questions/Content	Standards/Skills	Assessments
December	 Unit 2: Geometry How can I describe, create, and recreate shapes? What is an array? Reason with shapes and their attributes. 	 Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, quadrilaterals, pentagons, hexagons, and cubes. Partition a rectangle into rows and columns of same-size squares and count to find the total number of them. Partition circles and rectangles into two, three, or four equal shares, describe the shares using the words halves, thirds, half of, a third of, etc., and describe the whole as two halves, three thirds, four fourths. Recognize that equal shares of identical wholes need not have the same shape. 	 Geometry unit assessment Teacher observation Student discussion/w ork
January - March	 Unit 3: Operations and Algebraic Thinking/Number And Operations in Base Ten How can I add and subtract one-, two-, and three-digit numbers? How can I organize my work? How can I solve a two-step word problem? How can I share my problem solving strategies? Represent and solve problems involving addition and subtraction. Add and subtract within 20. Work with equal groups of objects to gain foundations for multiplication. Understand place value. Use place value understanding and properties of operations to add and subtract. 	 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, e.g., by using drawings and equations with a symbol for the unknown to represent the problem. Fluently add and subtract within 20 using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers. Determine whether a group of objects (up to 20) has an odd or even number of members, e.g., by pairing objects or counting them by 2s; write an equation to express an even number as a sum of two equal addends. Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as a sum of equal addends. 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: a. 100 can be thought of as a bundle of ten tens - called a "hundred." b. The numbers 100, 200, 300, 400, 500, 600, 700, 800, 900 refer to one, two, three, four, five, six, seven, eight, or nine hundreds (and 0 tens and 0 ones). 	 Unit assessment Teacher observation Student discussion

Time	Essential Questions/Content	Standards/Skills	Assessments
		 Count within 1000; skip-count by 5s, 10s, and 100s. Read and write numbers to 1000 using base-ten numerals, number names, and expanded form. Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using >, =, and < symbols to record the results of comparisons. Fluently add and subtract within 100 using strategies based on place value, properties, and/or the relationship between addition and subtraction. Add up to four two-digit numbers using strategies based on place value and properties of operations. Add and subtract within 1000, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method. Understand that in adding or subtracting three-digit numbers, one adds or subtracts hundreds and hundreds, tens and tens, ones and ones; and sometimes it is necessary to compose or decompose tens or hundreds. Mentally add 10 or 100 to a given number 100-900, and mentally subtract 10 or 100 from a given number 100-900. Explain why addition and subtraction strategies work, using place value and the properties of operations. 	

Time	Essential Questions/Content	Standards/Skills	Assessments
April - June	 Unit 4: Measurement and Data How do I measure the length of objects? What are standard units of measurement? How do I determine the difference between two lengths? How do I tell time? How can I count, add, and subtract using money? How can I represent a data set using a picture and/or bar graph? How can I use a graph to solve problems? Measure and estimate lengths in standard units. Relate addition and subtraction to length. Work with time and money. Represent and interpret data. 	 Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes. 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. Estimate lengths using units of inches, feet, centimeters, and meters. Measure to determine how much longer one object is than another, expressing the length difference in terms of a standard length unit. Use addition and subtraction within 100 to solve word problems involving lengths that are given in the same units, e.g., by using drawings (such as drawings of rulers) and equations with a symbol for the unknown number to represent the problem. Tell and write time from analog and digital clocks to the nearest five minutes, using a.m. and p.m. Generate measurement data by measuring lengths of several objects to the nearest whole unit, or by making repeated measurements by making a line plot, where the horizontal scale is marked off in whole-number units. 	 Teacher observation Class discussion Student work Unit assessment