Grade K	Grade 1	Grade 2
Students understand the relationship between numbers and quantities, i.e., that a set of objects has the same number of	1. Students understand and use numbers up to 100.	1. Students understand the relationship among numbers, quantities and place value in whole numbers up to 1000.
objects in different situations, regardless of	1.1.1 count, read and write whole numbers	·
its position or arrangement.	to 100	2.1.1 count, read, write whole numbers to 1,000 and identify the place value for each digit
k.1.1 compare two or more sets (up to 10	1.1. 2 compare and order whole numbers to	0.4.0
objects in each group), and identify which set is	100 using the symbols for less than, equal to, or	2.1.2 use words, models and expanded
equal to, more than, or less than the other	greater than (<, =, >)	form to represent numbers (to 1,000)
k.1.2 count, recognize, represent, name and order numbers (to 30) using objects	1.1.3 represent equivalent forms of the same number through the use of physical models, diagrams and number expressions (to 20)	2.1.3 order and compare whole numbers up to 1,000 using the symbols <, =, >
k.1.3 know that the larger numbers describe sets with more objects in them than smaller numbers	(e.g., 8 can be represented as 4 + 4, 5 + 3, 2 + 2 + 2 + 2, 10 - 2, 11 - 3)	
Sitialier fluttibers	1.1.4 count and group objects into ones and tens (e.g., 3 groups of ten and 4 more is 34 or 30 + 4)	
	1.1.5 identify and know the value of coins (penny, nickel, dime) and show different combinations of coins that equal the same value	
	1.1.6 compare two groups of objects (up to 20 objects in each group) and identify which group has more or less in it and count how many more are in one group	
	1.1.7 combine groups of objects up to a total of 20 objects and write the correct addition equation	
	1.1.8 separate up to 20 objects into two	
	groups and write the correct subtraction equation	

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	1.1.9 identify wholes, halves, quarters, and thirds by using concrete objects in simple situations	
Students understand and describe simple addition and subtraction situations.      k.2.1 use concrete objects to determine the answers to addition and subtraction problems (for two numbers each less than 10)	2. Students demonstrate the meaning of addition and subtraction and use these operations to solve problems.	2. Students estimate, calculate and solve problems involving addition and subtraction of two- and three-digit numbers.
	1.2.1 know the addition facts (sums to 20) and the corresponding subtraction facts, and commit them to memory	2.2.1 understand and use the inverse relationship between addition and subtraction, sums and differences up to 18 (e.g., an opposite number sentence for 8 + 6 = 14 is 14 - 6 = 8) to
	1.2.2 use the inverse relationship between addition and subtraction to solve problems	solve problems and check solutions  2.2.2 find the sum or difference of two
	1.2.3 identify one more than, one less than, ten more than, ten less than a given number	whole numbers up to three digits long, using regrouping and renaming
	1.2.4 count by 2s, 5s and 10s with numbers to 100	2.2.3 use mental arithmetic to find the sum or difference of two 2-digit numbers
	1.2.5 show the meaning of addition (putting together, increasing) and subtraction (taking away, comparing, finding the difference)	
	1.2.6 solve addition and subtraction problems with one- and two-digit numbers (e.g., 5 + 58 =)	
	1.2.7 find the sum of three one-digit numbers	

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Grade K	Grade 1	5. Students model and solve problems by representing, adding and subtracting amounts of money.  2.5.1 solve problems using combinations of coins and bills  2.5.2 know and use the decimal notation and the dollar and cents symbols for money  6. Students use estimation strategies in computation and problem solving that involve numbers that use the ones, tens,
		hundreds and thousands places.  2.6.1 recognize when an estimate is reasonable in measurements (e.g., closest inch, estimation of volume)