VIRGINIA MATHEMATICS STANDARDS OF LEARNING CORRELATED TO *MOVING WITH MATH EXTENSIONS 2nd Edition* KINDERGARTEN

		Lesson Plan/ Student Book	Skill Builders
	NUMBER AND NUMBER SENSE		
K.1	The student will		
a.	tell how many are in a given set of 20 or fewer objects by counting orally; and	14-21, 30, 31, 61	5-3, 5-4, 6-5, 10-1, 10-2, 10-9
b.	read, write, and represent numbers from 0 through 20.	14-22, 30, 31, 61	5-1, 5-2, 6-1, 6-2, 6-3, 6-5, 10-1, 10-2, 10-3, 10-9, 10-10
K.2	The student, given no more than three sets, each set containing 10 or fewer concrete objects, will		
a.	compare and describe one set as having more, fewer, or the same number of objects as the other set(s); and	11-13, 43, 44	3-1, 3-2, 3-3, 8-1, 8-2, 8-3, 8-4
b.	compare and order the sets from least to greatest and greatest to least.		
K.3	The student will		
a.	count forward orally by ones from 0 to 100;	22, 23, 61, 63, 64	10-4, 10-7
b.	count backward orally by ones when given any number between 1 and 10;		
c.	identify the number after, without counting, when given any number between 0 and 100 and identify the number before, without counting, when given any number between 1 and 10; and	23	7-1, 7-2
d.	count forward by tens to determine the total number of objects to 100	62, 64	10-4, 10-8
K.4	The student will		
a.	recognize and describe with fluency part-whole relationships for numbers up to 5; and	24	6-4
b.	investigate and describe part-whole relationships for numbers up to 10	24, 38	6-4, 26-3 to 26-10
K.5	The student will investigate fractions by representing and solving practical problems involving equal sharing with two sharers.	57, 58	22-1
	COMPUTATION AND ESTIMATION		
K.6	The student will model and solve single-step story and picture problems with sums to 10 and differences within 10, using concrete objects.	36-42, 45	26-1, 26-2, 27-1, 27-2, 28-1, 28-2, 29-1
	MEASUREMENT AND GEOMETRY		
K.7	The student will recognize the attributes of a penny, nickel, dime, and quarter and identify the number of pennies equivalent to a nickel, a dime, and a quarter.	46-49	24-1, 24-2, 25-1 to 25-5, 26-9

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K.8	The student will investigate the passage of time by reading and interpreting a calendar.	63	17-2
K.9	The student will compare two objects or events, using direct comparisons, according to one or more of the following attributes: length (longer, shorter), height (taller, shorter), weight (heavier, lighter), temperature (hotter, colder), volume (more, less), and time (longer, shorter).	3, 4, 33, 52, 55, 56	14-1 to 14-4, 18-1, 20-2, 21-1
K.10	The student will		
a.	identify and describe plane figures (circle, triangle, square, and rectangle);	7, 8	15-1 to 15-7
b.	compare the size (smaller, larger) and shape of plane figures (circle, triangle, square, and rectangle); and	7, 8	
c.	describe the location of one object relative to another (above, below, next to) and identify representations of plane figures (circle, triangle, square, and rectangle) regardless of their position and orientations in space.		12-1 to 12-5, 15-3, 15-4, 15-5, 15-6, 15-7, 29-2
	PROBABILITY AND STATISTICS		
K.11	The student will		
a.	collect, organize, and represent data; and	28, 29	
b.	read and interpret data in object graphs, picture graphs, and tables.	29	30-1
	PATTERNS, FUNCTIONS, AND ALGEBRA		
K.12	The student will sort and classify objects according to one attribute.	2-4	11-2, 13-1
K.13	The student will identify, describe, extend, create, and transfer repeating patterns.	5, 6, 10	4-1, 4-2, 4-3