



Math Teachers Press, Inc.

4850 Park Glen Road, Minneapolis, MN 55416
phone (800) 852-2435 fax (952) 546-7502

VIRGINIA MATHEMATICS STANDARDS OF LEARNING CORRELATED TO MOVING WITH MATH PRIMARY CONNECTIONS - 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	45, 47, 49, 51, 53, 55, 57, 58, 65-74, 83-86, 164-168	5-1 to 5-6, 6-1, 10-1
b.	read, write, and represent numbers from 0 through 20.	43-49, 51-56, 65-74, 83-86, 165-168	6-3 to 6-6, 7-1, 10-1
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	16-21, 87, 170	2-1, 3-1, 3-2, 8-1, 8-2, 8-3
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;	58, 75, 174	10-4
b.	count backward orally by ones when given any number between 1 and 10;	58, 78, 137	
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	78, 80	
d.	count forward by tens to determine the total number of objects to 100		10-4
K.4	The student will		
a.	recognize and describe with fluency part-whole relationships for numbers up to 5; and	120, 128, 142	26-2
b.	investigate and describe part-whole relationships for numbers up to 10	128, 142	
K.5	The student will investigate fractions by representing and solving practical problems involving equal sharing with two sharers.	150-153, 155	22-1, 22-2
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.	120-129, 134-142, 147	26-1, 26-2, 27-1, 27-2
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.	97-101, 172	24-1
K.8	The student will investigate the passage of time by reading and interpreting a calendar.	175	

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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).	12, 30, 31, 92, 106, 107, 113, 115, 116	14-1, 14-2, 18-1, 21-1, 21-2
K.10	The student will		
a.	identify and describe plane figures (circle, triangle, square, and rectangle);	26-29, 33	13-1, 15-3
b.	compare the size (smaller, larger) and shape of plane figures (circle, triangle, square, and rectangle); and	26-29, 33	13-1, 15-3
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.	9, 26	12-1 to 12-4, 15-2
PROBABILITY AND STATISTICS			
K.11	The student will		
a.	collect, organize, and represent data; and	52, 61, 91, 103	6-2, 30-1
b.	read and interpret data in object graphs, picture graphs, and tables.	61, 103	30-1, 30-2
PATTERNS, FUNCTIONS, AND ALGEBRA			
K.12	The student will sort and classify objects according to one attribute.	3, 11, 12, 14	13-2, 13-3
K.13	The student will identify, describe, extend, create, and transfer repeating patterns.	13, 22, 35, 38, 81	4-1, 4-2, 4-3