NEW--2009

VIRGINIA MATHEMATICS STANDARDS OF LEARNING CORRELATED TO
MOVING WITH MATH EXTENSIONS GRADE 1

		Student Book	Skill Builders
	NUMBER AND NUMBER SENSE		
1.1	The student will		
a.	count from 0 to 100 and write the corresponding numerals; and	32, 33	9-2
b.	group a collection of up to 100 objects into tens and ones and write the corresponding numeral to develop an understanding of place value.	25, 29, 30, 37-39	4-1
1.2	The student will count forward by ones, twos, fives, and tens to 100 and backward by ones from 30	32, 33, 35, 36	9-2, 30-1
1.3	The student will identify the parts of a set and/or region that represents fractions for halves, thirds, and fourths and write the fraction.	64	41-1, 42-1
	COMPUTATION AND ESTIMATION		
1.4	The student, given a familiar problem situation involving magnitude, will		
a.	select a reasonable order of magnitude from three given quantities: a one-digit numeral, a two-digit numeral, and a three-digit numeral (e. g., 5, 50, 500); and		
b.	explain the reasonableness of the choice.		
1.5	The student will recall basic addition facts with sums to 18 or less, and the corresponding subtraction facts.	16, 23, 24	18-3, 19-3
1.6	The student will create and solve one-step story and picture problems using basic addition facts with sums to 18 or less and the corresponding subtraction facts.	10, 17, 51	27-1, 28-1
	MEASUREMENT		
1.7	The student will		
a.	identify the number of pennies equivalent to a nickel, a dime, and a quarter; and	9, 40, 60	46-2, 47-1, 48-1
b.	determine the value of a collection of pennies, nickels, and dimes whose total value is 100 cents or less.	8, 9, 41, 60	46-2, 47-1, 48-1
1.8	The student will tell time to the half-hour, using analog and digital clocks.	62	49-1, 49-2
1.9	The student will use nonstandard units to measure length, weight/mass, and volume.	61	
1.10	The student will compare, using the concepts of more, less, and equivalent,		

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a.	the volumes of two given containers; and		
b.	the weight/mass of two objects, using a balance scale.		
1.11	The student will use calendar language appropriately (e.g., names of the months, today, yesterday, next week, last week).		49-3
	GEOMETRY		
1.12	The student will identify and trace, describe, and sort plane geometric figures (triangle, square, rectangle, and circle) according to number of sides, vertices, and right angles.		37-1, 38-1, 39-1, 40-1
1.13	The student will construct, model, and describe objects in the environment as geometric shapes (triangle, rectangle, square, and circle) and explain the reasonableness of each choice.		37-1, 38-1, 39-1, 40-1
	PROBABILITY AND STATISTICS		
1.14	The student will investigate, identify, and describe various forms of data collection (e.g., recording daily temperature, lunch count, attendance, favorite ice cream), using tables, picture graphs, and object graphs.	63	50-2
1.15	The student will interpret information displayed in a picture or object graph, using the vocabulary more, less, fewer, greater than, less than, and equal to.	63	50-3
	PATTERNS, FUNCTIONS, AND ALGEBRA		
1.16	The student will sort and classify concrete objects according to one or more attributes, including color, size, shape, and thickness.		43-1, 44-1
1.17	The student will recognize, describe, extend, and create a wide variety of growing and repeating patterns.	6	6-1, 9-1
1.18	The student will demonstrate an understanding of equality through the use of the equal sign.	51, 54	