



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-BY-TOPIC LEVEL A - GRADE 2

		Lesson Plan/ Student Book	Skill Builders
NUMBER AND NUMBER SENSE			
2.1	The student will		
a.	read, write, and identify the place and value of each digit in a three-digit numeral, with and without models;	AI: 42-44, 46, 47, 49	5-1, 5-3, 7-1, 8-1, 8-2
b.	identify the number that is 10 more, 10 less, 100 more, and 100 less than a given number up to 999;		
c.	compare and order whole numbers between 0 and 999; and	AI: 12-19, 25, 27, 37	3-2, 6-2, 9-2, 9-4
d.	round two-digit numbers to the nearest ten.		
2.2	The student will		
a.	count forward by twos, fives, and tens to 120, starting at various multiples of 2, 5, or 10;	AI: 30, 34 All: 71, 72	30-1
b.	count backward by tens from 120; and		
c.	use objects to determine whether a number is even or odd.	AI: 72, 73	
2.3	The student will		
a.	count and identify the ordinal positions first through twentieth, using an ordered set of objects; and	AI: 60-62	13-1, 13-2
b.	write the ordinal numbers, 1st through 20th.		
2.4	The student will		
a.	name and write fractions represented by a set, region, or length model for halves, fourths, eighths, thirds, and sixths;	All: 29-37	41-1, 42-1 to 42-3
b.	represent fractional parts with models and with symbols; and	All: 30, 36	41-1, 42-1, 42-2
c.	compare the unit fractions for halves, fourths, eighths, thirds, and sixths, with models.	All: 35	42-4
COMPUTATION AND ESTIMATION			
2.5	The student will		
a.	recognize and use the relationships between addition and subtraction to solve single-step practical problems, with whole numbers to 20; and	All: 4, 12, 64, 65 All: 70	29-3, 29-4
b.	demonstrate fluency with addition and subtraction within 20.	All: 5-11, 13-19, 21-24, 28-36	15-1 to 15-5, 16-1 to 16-9, 18-1 to 18-7, 19-1 to 19-7
2.6	The student will		
a.	estimate sum and differences;	All: 69 All: 74	

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b.	determine sums and differences, using various models; and	All: 5-11, 13-19, 21-24, 28-44, 46-61	15-1 to 15-5, 16-1 to 16-9, 18-1 to 18-7, 19-1 to 19-7, 20-1, 21-1, 22-1, 22-2, 22-3, 24-1, 24-2, 24-3, 25-1, 25-2, 25-3, 26-1, 26-2, 26-3
c.	create and solve single-step and two-step practical problems involving addition and subtraction.	All: 4, 12, 62, 63, 66, 67, 68, 70 All: 70-73	27-1, 27-2, 28-1, 28-2, 28-3, 29-1 to 29-6
MEASUREMENT AND GEOMETRY			
2.7	The student will		
a.	count and compare a collection of pennies, nickels, dimes, and quarters whose total value is \$2.00 or less; and	All: 38-41	46-1, 46-2, 47-1, 47-2, 48-1
b.	use the cent symbol, dollar symbol, and decimal point to write a value of money.	All: 42	
2.8	The student will estimate and measure		
a.	length to the nearest inch;	All: 57	50-1
b.	weight to the nearest pound.		
2.9	The student will tell and write time to the nearest five minutes, using analog and digital clocks.		
2.10	The student will		
a.	determine past and future days of the week; and	All: 52	49-3
b.	identify specific days and dates on a given calendar.	All: 52	49-3
2.11	The student will read the temperature to the nearest 10 degrees.		
2.12	The student will		
a.	draw a line of symmetry in a figure; and		
b.	identify and create figures with at least one line of symmetry.		
2.13	The student will identify, describe, compare, and contrast plane and solid figures (circles/spheres, squares/cubes, and rectangles/rectangular prisms).	All: 65, 66	
PROBABILITY AND STATISTICS			
2.14	The student will use data from probability experiments to predict outcomes when the experiment is repeated.		
2.15	The student will		
a.	collect, organize, and represent data in pictographs and bar graphs; and	All: 75	50-4, 50-6
b.	read and interpret data represented in pictographs and bar graphs.	Al: 78 All: 75-78	50-4, 50-6, 50-7
PATTERNS, FUNCTIONS, AND ALGEBRA			
2.16	The student will identify, describe, create, extend, and transfer patterns found in objects, pictures, and numbers.	Al: 28, 50, 51, 65, 67	9-1, 14-1, 14-2
	Al: Numeration		
	All: Addition & Subtraction		
	All: Fractions, Geometry & Measurement		