



Math Teachers Press, Inc.

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LOUISIANA GRADE LEVEL EXPECTATIONS TO MOVING WITH MATH® MATH-BY-TOPIC LEVEL A GRADE 2

	Student Book	Skill Builders
NUMBER AND NUMBER RELATIONS		
1. Model, read, and write place values for numbers through 999 in word, standard, and expanded form (N-1-E)	AI: 22-24, 38-49	4-2 to 4-5, 5-1, 5-3
2. Model the concepts of thirds, fourths, fifths and sixths using regions, sets, and fraction words (e.g., one-third, three-fourths, five-sixths) (N-1-E)	All: 31-37	42-1, 42-2, 42-3
3. Make reasonable estimates of the number of objects in a collection with fewer than 10 objects (N-2-E)		
4. count and write the value of amounts of money up to \$1.00 using ¢ and \$ (N-2-E) (N-6-E) (M-2-E) (M-5-E)	All: 38-42	48-2
5. Read, write, compare, and order whole numbers through 999 using words, number lines, and models (N-3-E) (N-1-E)	AI: 5-8, 11-17, 23-25, 37-41	2-3, 3-2, 6-1 to 6-3, 8-1, 9-2, 9-4
6. From a given number, count forward and backward and count to 100 by 2's (N-3-E) (N-1-E) (N-4-E)	AI: 35, 36 All: 71	30-1
7. Know all basic facts for addition and subtraction and use them to solve real-life problems (N-5-E) (N-6-E) (N-7-E) (N-8-E) (N-9-E)	All: throughout All: 68-74	18-5, 19-5, 27-1, 27-2, 28-1, 28-2, 28-3
8. Recognize, select, connect, and use operations, operational words and symbols (+, -) for addition (join, part/part/whole) or subtraction (take away, comparison, missing addend, and set/subset) situations (N-6-E) (N-5-E)	All: 4, 5, 12, 13, 18, 32	27-2, 28-2, 28-3
9. Add and subtract 1- and 2-digit numbers (N-6-E) (N-7-E)	All: throughout	15-2 to 15-4, 16-2, 16-4, 16-5, 20-1, 21-1, 22-1 to 22-3, 25-1 to 25-3
10. Round numbers to the nearest 10 or 100 and identify situations in which rounding is appropriate (N-7-E) (N-9-E)		
11. Use the concept of one-to-several correspondence to trade single items for a greater quantity of items with unequal value (1 nickel for 5 pennies, 1 dime for 2 nickels) (N-9-E)	All: 43	46-2, 47-1

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	ALGEBRA		
12.	Use number sentences to represent real-life problems involving addition and subtraction (A-1-E) (A-2-E) (A-2-E)	All: 62-68	28-3
13.	Find the missing number in an equation involving addition or subtraction (e.g., $\# + 4 = 7$, $8 - \# = 3$) (A-2-E) (N-4-E)	All: 18	16-2, 16-8
	MEASUREMENT		
14.	Measure and appropriately label measures of length and perimeter (i.e., inch, centimeter, foot), capacity (i.e., cup, quart, liter), and weight/mass (i.e., pound, kilogram) (M-1-E)	All: 55-58	
15.	Read a thermometer in degrees Fahrenheit and Celsius and interpret the temperature (M-1-E)		
16.	Tell time to the nearest 5 minutes, and identify the time one hour before or after a given time (M-1-E) (M-3-E)	All: 48-49	
17.	Select and use appropriate tools and units to measure length, time, capacity, and weight (e.g., scales for pounds and kilograms; rulers for inches and centimeters; measuring containers for cup, quarts, and liters) (M-2-E)	All: 55-57, 64	50-1, 50-2, 50-3
18.	Use non-standard units to cover a given region (M-2-E)		
19.	Estimate length in standard units (inch, foot, and centimeter) (M-3-E)		50-1
20.	Compare units within the same system (inch is shorter than a foot, minute is shorter than an hour, day is shorter than a month, cup holds less than a quart) (M-3-E)	All: 48, 63	
	GEOMETRY		
21.	Compare and contrast 3-dimensional shapes (i.e., sphere, cube, cylinder, cone, prism, pyramid) according to their attributes (e.g., number of faces, shape of faces) (G-2-E)	All: 65-66	
22.	Identify a reduction or enlargement of a given shape (G-2-E)	All: 20	
23.	Identify congruent 3-dimensional solids in a variety of positions and orientations (G-3-E) (G-4-E) (G-2-E)		
24.	Identify and draw horizontal and vertical line segments (G-5-E)		
	DATA ANALYSIS, PROBABILITY, AND DISCRETE MATH		
25.	Collect and organize data using observations, surveys, and experiments (D-1-E)	AI: 78	50-4, 50-6
26.	Construct and read line plots and tables (D-2-E)		29-6
27.	Interpret pictographs in which each picture represents more than one object (D-2-E)		

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28.	Generate questions that can be answered by collecting and analyzing data (D-3-E)	All: 70 All: 76, 77	
29.	Solve logic problems involving two sets by using elementary set logic (i.e., <i>and</i> , <i>or</i> , and <i>is/is not</i> statements) (D-3-E)		
PATTERNS, RELATIONS, AND FUNCTIONS			
30.	Recognize, extend, create, and explain patterns of addition and subtraction as represented in charts and tables and in varied forms of skip-counting (P-1-E) (P-2-E)	AI: 50, 51, 73	4-1, 6-4, 30-1
31.	Recognize, extend, create, and explain patterns that involve simple rotations or size changes with geometric objects (P-1-E) (P-2-E)		
32.	Recognize and apply patterns in problem solving in other content areas and real-life situations (P-3-E) (N-9-E)		
	<i>AI: Numeration</i>		
	<i>All: Addition and Subtraction</i>		
	<i>All: Fractions, Geometry and Measurement</i>		