



## Louisiana 1<sup>st</sup> Grade Standards / *Excel Math* Correlation

Unit #	Expectations	Excel Math Lesson Numbers	Activity Numbers
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<b>NUMBERS and NUMBER RELATIONS</b>			
1, 3 5, 8	1. Count to 100 by 1s, 5s, 10s, and 25s (N-1-E) (N-3-E) (N-4-E)	1, 3, 4, 5, 6, 7, 10, 11, 13, 14, 15, 16, 18, 21, 22, 23, 24, 28, 31, 33, 34, 35, 36, 37, 41, 42, 43, 44, 48, 58, 61, 63, 64, 69, 72, 74, 88, 90, 102, 112, 124, 130, 133, 144	2, 4, 29, 47  Exercise 1, 10
1, 3 5, 8	2. Read and write numerals to 100 (N-1-E)	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 28, 29, 30, 32, 34, 35, 37, 39, 40, 44, 45, 46, 47, 49, 51, 52, 54, 57, 60, 62, 64, 67, 70, 86, 93	3, 12, 47, 82, 131, 132  Exercise 1, 2
1, 8	3. Write number words for 0 to 19 (N-1-E) (N-3-E)	2, 46, 47, 82, 93, 94, 98, 109, 113, 118	46, 114  Exercise 4, 6
1	4. Use ordinal numbers through 31 <sup>st</sup> as they relate to the calendar (N-1-E)	59, 132  Position Words 20, 125, 145	Position Words 28, 36, 38, 74, 77, 79, 89, 116, Exercise 3, 6
3, 5 8	5. Model and read place value in word, standard, and expanded form for numbers through 99 (N-1-E)	61, 63, 69, 72, 82, 84, 86, 94, 96, 97, 109, 110, 111, 113, 129, 130	33, 106, 111, 127
4	6. Use region models and sets of objects to demonstrate understanding of the concept of halves (N-1-E)	107, 108, 119, 128, 131, 148  Add / Subtract Fractions 155	134  Exercise 10
6	7. Identify quarters, half-dollars, and their values (N-1-E) (N-2-E) (M-1-E)	68, 139, 154	68, 81, 83, 128
5, 6	8. Find the value of a set of coins up to \$1.00, using one denomination of coin (N-2-E) (N-6-E) (M-1-E) (M-5-E)	23, 29, 51, 139	68, 81, 84, 128, 144
1, 5	9. Apply estimation strategies to estimate the size of groups up to 20 (N-2-E) (N-8-E)	134, *143 (time)	29, 41, *138



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1, 2 5	10. Using a number line or chart, locate, compare, and order whole numbers less than 100 and identify the numbers coming before/after a given number and between 2 given numbers (N-3-E) (A-1-E)	*5, *10, *11, 17, 19, 24, 28, 33, 34, 36, 40, 42, 52, 53, 61, 72, 74, 80, 81, 82, 89, 91, 121, 126, 131, 144	*11, *12, 67, 69, 106, 131 Events 44, 76, 108, 139, 141, 146, 149 Objects 93, 104, 113, 137, 147
1, 2 5	11. From a given number between 1 and 100, count forward and backward (N-3-E)	5, 10, 17, 33, 34, 36, 40, 43, 69, 72, 74, 78, 82, 90, 102, 112, 131	
3, 8	12. Know the basic facts for addition and subtraction [0s, 1s, counting on and back 2s, doubles, doubles $\pm 1$ , then 10s facts, and related turn-around (commutative) pairs] and use them to solve real-life problems (N-4-E) (N-6-E) (N-8-E)	14, 15, 18, 22, 24, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 41, 42, 43, 44, 45, 46, 48, 51, 53, 54, 56, 58, 61, 63, 64, 66, 68, 70, 71, 72, 74, 78, 79, 81, 83, 84, 86, 88, 91, 92, 93, 96, 97, 98, 99, 100, 103, 106, 109, 110, 113, 114, 116, 118, 126, 127, 128, 133, 141, 142, 143, 146, 149	18, 27, 31, 58, 69, 73, 117, 118, 123, 127
2, 3	13. Recognize and apply addition and subtraction as inverse operations (N-4-E)	71, 72, 88, 93, 106, 116	73
8	14. Add and subtract 2-digit numbers using manipulatives (N-4-E) (N-7-E)	48, 49, 58, 70, 74, 88, 93, 96, 97, 106, 110, 111, 116, 122, 123, 129, 136, 137, 139, 146, 147	118
2, 8	15. Recognize real-life situations as addition or subtraction problems (N-5-E) (N-4-E)	18, 26, 29, 30, 35, 37, 41, 44, 45, 51, 57, 66, 74, 77, 85, 100, 101, 131	62, 72, 151
5, 8	16. Given a number and number line/hundreds chart, identify the nearest ten (N-7-E)	48, 49, 63, 69, 72, 74, 82, 84, 86, 94, 96, 97, 102, 109, 112, 129, 130, 133	33

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**ALGEBRA**

2, 3 8	17. Use the equal sign (=) to express the relationship of equality (A-1-E)	7, 38, 39, 45, 57, 60, 66, 67, 71, 72, 78, 79, 85, 89, 92, 100, 101, 103, 104, 117, 127, 136, 141	73, 92, 123 Exercise 8, 10
2, 3 5, 8	18. Use objects, pictures, and number sentences to represent real-life problem situations involving addition and subtraction (A-1-E) (A-3-E) (N-7-E)	29, 30, 31, 32, 35, 37, 41, 44, 45, 57, 66, 67, 77, 85, 100, 101, 103	27, 62, 92, 151 Exercise 8
8	19. Use objects, pictures, and verbal information to solve for missing numbers (A-2-E) (N-7-E)	38, 39, 42, 45, 57, 60, 66, 67, 70, 72, 74, 78, 79, 85, 89, 92, 100, 103, 104, 117, 127, 141	67, 123

**MEASUREMENT**

7	20. Measure length to the nearest inch and centimeter using appropriate tools (M-1-E) (M-2-E)	56, 83	13, 91 Exercise 5
6	21. Tell time to the hour and half-hour, and identify date, day, week, month, and year on a calendar (M-1-E) (M-2-E) (M-5-E)	26, 27, 62, 76, 95, 138, 143, 152 Order Events 105	138, 143 Exercise 9 Order Events 76
7	22. Select appropriate non-standard units for linear measurement situations (e.g., sticks, blocks, paper clips) (M-2-E)	50	13, 24, 32, 91 Weight 43
7	23. Compare the measure of objects to benchmarks (e.g., the width of a child's thumb is about a centimeter, the weight of a loaf of bread is about a pound, and the mass of a textbook is about a kilogram) (M-2-E)	87	14, 32, 39, 43, 53, 63, 69, 71, 91, 136
7	24. Measure capacity using cups (M-2-E) (M-3-E) (M-1-E)	Volume 87	21, 29, 48 Volume 52, 71
6	25. Identify the thermometer as a tool for measuring temperature (M-2-E)	87	42 Exercise 11

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<b>GEOMETRY</b>			
4	26. Compare, contrast, name, and describe attributes (e.g., corner, side, straight, curved, number of sides) of shapes using concrete models [circle, rectangle (including square), rhombus, triangle] (G-1-E) (G-2-E) (G-4-E)	8, 9, 25, 65, 75, 125, 135, 140	7, 8, 9, 19, 26, 28, 49, 57, 61, 64, 88, 89, 97, 153, 101, 107, 121, 126, 133, 148  Exercise 3, 4, 7  Objects 16, 17, 34, 37
4	27. Connect the informal language used for 3-dimensional shapes to their proper mathematical name (e.g., a ball is a sphere, a box is a rectangular prism, a can is a cylinder) (G-2-E)	150, 151	66, 117, 118
4	28. Determine if a shape has a line of symmetry by folding (G-2-E)	153	*61, 86, 122
4	29. Visualize, predict, and create new shapes by cutting apart and combining existing 2- and 3-dimensional shapes (G-3-E) (G-1-E)		49, 57, 61, 64, 88, 97, 101, 103, 107, 109, 112, 119, 121, 124, 126, 129, 133, 152, 153  Exercise 7
4	30. Identify congruent shapes (i.e., same size and shape) in a variety of positions and orientations (G-3-E) (G-2-E)	140	101
4	31. Draw line segments (G-5-E)	*50, 56, 83	Exercise 10

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<b>DATA ANALYSIS, PROBABILITY and DISCRETE MATH</b>			
1, 2 7	32. Given a set of data, construct and read information from bar graphs and charts (D-1-E) (D-2-E)	73, 115, 120	13, 14, 32, 41, 43, 66, 67, 72, 94, 99, 102, 134, 136, 141, 142  Exercise 11, 12  Combinations 54, 96
1	33. Determine whether an object satisfies a simple logical classification rule (e.g., belongs and does not belong) (D-1-E)	125	2, 4, 72, 94, 99, 102, 134
2, 4	34. Appropriately use basic probability vocabulary (e.g., <i>more likely to happen/less likely to happen, always/never, same as</i> ) (D-5-E)	55	66, 67, 94, 96, 102
<b>PATTERNS, RELATIONS, and FUNCTIONS</b>			
1, 2 3, 4 5, 8	35. Identify, describe, and explain the patterns in repeating situations (adding the same number, e.g., 2, 5, 8, 11, or skip-counting) (P-1-E)	25, 42, 90, 102, 112, 124, 144	6, 8, 9, 19, 22, 23, 41, 51, 56, 78, 87, 98, 154
1, 2 4, 5 8	36. Explain patterns created with concrete objects, numbers, shapes, and colors (P-2-E)	5, 17, 19, 25, 40, 42, 90, 102, 112, 124, 144	8, 19, 22, 23, 51, 56, 59, 78, 87, 98, 154