



Louisiana Math Standards /Excel Math Correlation
Kindergarten

Unit #	LOUISIANA EXPECTATIONS FOR MATH	Excel Math Lesson Numbers
Number and Number Relations		
3, 4	1. Count by ones to 20 (N-1-E) (N-3-E)	12, 13, 14, 17, 18, 19, 23, 24, 27, 32, 33, 36, 37, 41, 43, 44, 46, 48, 49, 51, 52, 53, 54, 58, 60, 62, 64, 67, 68, 72, 78, 79, 82, 83, 86, 87, 88, 92, 95, 100, 111, 102, 103, 106, 114, 116, 118, 123, 128, 131, 140, 145, 162, 169, 177, 181, 188, 195
1, 2 3, 4 5, 6	2. Count a set of 20 or fewer objects by establishing a 1-to-1 correspondence between number names and objects (N-1-E) (N-3-E) (A-1-E)	12, 13, 14, 17, 18, 23, 27, 28, 32, 33, 43, 48, 49, 51, 52, 54, 60, 67, 68, 78, 79, 87, 88, 111, 103, 114, 123, 128, 134, 140, 145, 155, 162, 169, 177, 181, 188
2, 3 4	3. Use the ordinal numerals 1 st through 10 th to discuss positions in ordered lists (N-1-E)	42, 148
1, 2 3, 4	4. Identify the numerals for the numbers 0 through 20 (N-1-E) (N-3-E)	13, 14, 17, 18, 23, 24, 27, 28, 32, 33, 37, 38, 40, 43, 46, 48, 49, 51, 52, 53, 60, 66, 67, 68, 76, 78, 83, 85, 87, 88, 91, 99, 100, 101, 109, 114, 120, 122, 123, 128, 130, 133, 134, 140, 142, 144, 145, 155, 162, 168, 169, 177, 181, 188, 192
3, 4	5. Using a number line or chart, identify the numbers coming before/after a given number and between 2 given numbers (N-1-E) (N-3-E) (A-1-E)	*114, *123, *128, *131, *134, *140, *145, *149, *157, *162, *164, *169, *177, *188 Term 'between': 5, 35, 55, 161
7	6. Identify pennies, nickels, and dimes and their values using the cent sign (¢) (N-1-E) (N-2-E) (N-6-E) (M-1-E)	96, 116, 137, 149, 159, 176, 185
3, 4	7. Count forward and backward from a given number between 1 and 10 (N-3-E)	114, 123, 128, 134, 140, 145, 162, 169, 177, 188
1, 2 3, 4	8. Compare sets containing 20 or fewer objects using the words <i>same/different</i> and <i>more/less/greater/fewer</i> (N-3-E) (N-1-E)	36, *41, *44, 48, *52, *54, 58, 62, 64, 70, 72, 73, 74, 77, 79, 81, 82, 84, 86, 87, 90, 105, 106, 107, 121, 126, 131, 150, *163
7	9. Use concrete objects to model simple real-life addition and subtraction problems (N-4-E)	64, 72, 82, 90, 92, 95, 102, 103, 105, 107, 113, 119, 121, 124, 126, 127, 129, 131, 132, 136, 141, 143, 150, 153, 156, 160, 163, 166, 174, 175, 179, 180, 182, 183, 186, 187, 189, 190, 194, 195, 196, 197, 198
4, 7	10. Use operational vocabulary (<i>add, subtract, join, remove, take away, put together</i>) to explore sets of objects (N-5-E)	64, 72, 79, 82, 90, 92, 95, 102, 103, 105, 107, 113, 119, 121, 124, 126, 127, 129, 131, 132, 136, 141, 143, 150, 153, 156, 163, 166, 174, 175, 179, 180, 182, 183, 186, 187, 189, 190, 194, 195, 196
Algebra		
1, 3 4, 5	11. Use the words <i>same, different, equal, not equal, greater than, and less than</i> while using concrete objects for comparative models (A-1-E)	2, 8, 11, 21, *41, *44, 52, *54, 64, 72, 73, 79, 82, 87, 92, *106, 107, *113, 121, 119, 129, 153, 157, 160, 164, 179, 180, 182, 183, 186, 187, 189, 190, 194, 195, 196, 197, 198, 199, 200
7	12. Model and act out story problems, physically or with objects, to solve whole number sentences with sums less than or equal to 6 (A-2-E)	95, 102, 103, 105, 107, 113, 119, 124, 126, 127, 129, 131, 132, 136, 141, 143, 150, 153, 156, 160, 163, 166, 174, 175, 182, 183, 186, 187, 189, 195, 196



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Measurement		
5	13. Use vocabulary such as: <i>yesterday, today, tomorrow, hours, weeks</i> , names of days, names of months; sequence events; and identify calendars and clocks as objects that measure time (M-1-E) (M-2-E) (M-5-E)	84, 110, 111, 161
3, 4 5	14. Measure and estimate length and capacity using non-standard units (e.g., sticks, paper clips, blocks, beans) (M-2-E) (M-3-E)	25, 56, 77, 115, 125, 151, 158, 167, 184
1, 2 5	15. Use comparative and superlative vocabulary in measurement settings (e.g., <i>longest, shortest, most, hottest, heaviest, biggest</i>) (M-3-E) (M-1-E) (M-2-E)	2, 6, 25, 34, 50, 56, 77, 115, 135, 152
Geometry		
1, 2 5, 6	16. Name and identify basic shapes using concrete models (e.g., circles, squares, triangles, rectangles, rhombuses, balls, boxes, cans, cones) (G-2-E) (G-1-E) (G-4-E) (G-5-E)	65, 80, 171, 172, 191
1, 2 5, 6	17. Compare, contrast, and sort objects or shapes according to two attributes (e.g., shape and size, shape and color, thickness and color) (G-2-E)	4, 8, 11, 16, 21, 22, 26, 28, 31, 38, 39, 59, 69, 75, 89, 97, 108, 112, 135
1, 2 5, 6	18. Use words that indicate direction and position of objects and arrange an object in a specified position and orientation (e.g., <i>between, behind, above</i>) (G-3-E)	1, 3, 5, 7, 9, 15, 31, 35, 39, 55, 94, 101, 171, 191
6	19. Investigate the results of combining shapes (using paper shapes, pattern blocks, tangrams, etc.) (G-3-E) (G-1-E)	*65, *71, *80, *172
1, 6	20. Draw circles, squares, rectangles, and triangles (G-4-E)	79, 82, 89, 121, 150, 156, 166, 171, 172, 175, 179, 180, 182, 186, 187, 189, 190, 191, 195, 196
Data Analysis, Probability, and Discrete Math		
2	21. Collect and organize concrete data using tally mark charts (D-1-E)	*11, 151, 158, 167, 173, 184 Possibilities: 117, 138, 165, 193
2, 3 6	22. Collect and organize data in a simple bar graph using pictures or objects (D-1-E) (D-2-E)	34, 50, 61, 77, 93, 98, 106, *117, 138, 146, 151, 158, 165, 167, 173, 184
2	23. Sort, represent, and use information in simple tables and bar/picture graphs (D-2-E) (D-3-E)	34, 50, 61, 77, 93, 98, 106, *117, 138, 146, 151, 158, 165, 167, 173, 184
Patterns, Relations, and Functions		
2	24. Recognize, copy, name, create, and extend repeating patterns (e.g., ABAB, AABB, ABBA) using concrete objects, shapes, pictures, numbers, and sounds (P-1-E)	10, 19, 20, 29, 30, 45, 57, 63, 71, 100, 104, 118, 139, 147, 154, 170, 172, 178

* Gives opportunity to teach the specific standard