



Idaho 3rd Grade Standards / *Excel* Math Correlation

Standards / Objectives	Excel Math Lesson Numbers	Stretch Lesson Numbers Activity Numbers
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STANDARD 1

NUMBER and OPERATION

Goal 1.1 Understand and use numbers.		
Objective 1: 3.M.1.1.1 Read, write, compare and order and whole numbers to 10,000.	1, 2, 3, 4, 6, 9, 12, 13, 14, 19, 21, 23, 27, 31, 33, 34, 37, 38, 43, 45, 46, 47, 48, 49, 53, 57, 64, 67, 79, 100, 104, 117, 132, 133, 149 Multiples: 117, 126, Factors: 143	30, 82, 93, 116, 123, 138, 146
Objective 2: 3.M.1.1.2 Identify place value through 9,999.	1, 7, 12, 13, 14, 19, 23, 29, 33, 34, 42, 43, 47, 64, 67, 100, 101, 102, 103, 104, 132, 133, 149	
Objective 3: 3.M.1.1.3 Count, the value of a collection of bills and coins up to \$10.00.	16, 22, 44, 51, 82, 114, 146, 149	10, 45, 55, 71, 92, 105, 112, 122, 130, 137, 139, 152
Objective 4: 3.M.1.1.4 Recognize, name and represent commonly used fractions using concrete materials.	31, 54, 58, 66, 82, 109, 137, 147, 148, 149 (percent) Add/Sub: 109, 140	Activity 3 Percent – Activity 8
Objective 5: 3.M.1.1.5 Recognize mathematical information and select strategies appropriate for solving a multi-step problem.	10, 15, 25, 40, 68, 70, 75, 83, 96, 121, 152	12, 22, 38, 45, 54, 55, 92, 96, 105, 106, 122, 130, 139, 140
Objective 6: 3.M.1.1.6 Use appropriate vocabulary.	1, 2, 3, 4, 6, 7, 9, 12, 13, 15, 16, 17, 19, 23, 31, 32, 33, 34, 44, 46, 51, 54, 63, 66, 79, 85, 100, 114, 143, 144, 148, 155	
Goal 1.2 Perform computations accurately.		
Objective 1: 3.M.1.2.1 Recall basic addition and subtraction facts through 18.	1, 2, 3, 6, 7, 8, 11, 13, 14, 16, 17, 19, 24, 28, 29, 31, 33, 34, 41, 42, 44, 45, 47, 51, 52, 57, 58, 64, 68, 69, 73, 74, 79, 81, 92, 122, 123	2, 6, 16, 21, 28, 36, 82, 93, 116, 146



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Objective 2: 3.M.1.2.2 Add and subtract whole numbers with and without regrouping through 999.	1, 2, 3, 6, 7, 8, 9, 11, 12, 13, 14, 16, 17, 19, 23, 24, 26, 27, 28, 29, 31, 34, 37, 41, 42, 44, 45, 47, 50, 51, 52, 53, 57, 58, 64, 67, 68, 69, 73, 74, 75, 76, 79, 81, 83, 84, 92, 96, 100, 122, 123, 136	1, 2, 6, 9, 11, 12, 13, 16, 19, 21, 22, 23, 24, 28, 31, 33, 35, 36, 39, 40, 44, 45, 48, 49, 52, 54, 55, 56, 57, 63, 65, 68, 73, 77, 79, 82, 83, 89, 91, 93, 94, 97, 100, 101, 105, 107, 109, 114, 116, 119, 122, 123, 124, 125, 129, 130, 134, 138, 139, 141, 144, 145, 146, 149, 150, 154
Objective 3: 3.M.1.2.3 Add three one- and two-digit addends.	12, 14, 53, 67, 68, 75, 86, 91, 97, 121, 122, 146	1, 2, 6, 9, 16, 21, 28, 35, 36, 48, 54, 57, 62, 65, 77, 82, 93, 116, 146, 150
Objective 4: 3.M.1.2.4 Multiply whole numbers through 10 x 10.	39, 46, 48, 49, 51, 52, 53, 56, 57, 58, 59, 64, 67, 68, 69, 71, 73, 74, 76, 79, 81, 82, 83, 84, 86, 92, 95, 96, 97, 99, 107, 109, 113, 117, 119, 121, 124, 126, 127, 131, 136, 139, 142, 143, 144, 151 Times 11 or more: 51, 52, 53, 56, 57, 58, 59, 61, 64, 67, 68, 69, 73, 74, 79, 81, 82, 83, 84, 86, 92, 96, 97, 103, 105, 107, 113, 117, 118, 121, 133, 152, 153, 154 Three digit: 91, 100, 131 Division: 59, 71, 72, 74, 79, 81, 83, 84, 86, 87, 88, 89, 92, 93, 94, 96, 97, 98, 99, 101, 102, 103, 104, 107, 108, 111, 113, 117, 118, 119, 124, 126, 127, 132, 133, 134 Decimals: 95, 134	70, 73, 83, 89, 94, 100, 101, 107, 114, 119, 124, 129, 134, 149, 154 Division: 70, 75, 109, 134, 141, 149
Objective 5: 3.M.1.2.5 Select and use an appropriate method of computation from mental math, paper and pencil, calculator, or a combination of the three.	7, 9, 11, 13, 14, 17, 19, 26, 28, 29, 31, 34, 39, 46, 47, 53, 58, 59, 61, 64, 67, 68, 71, 73, 75, 81, 82, 83, 87, 88, 91, 96, 98, 101, 102, 103, 114, 117, 118, 122, 123, 127, 132, 133, 151	1, 2, 6, 16, 21, 28, 36, 77, 82, 93, 116, 146
Objective 6: 3.M.1.2.6 Use appropriate operations to solve word problems and show or explain work.	10, 11, 25, 32, 40, 68, 70, 75, 82, 83, 87, 88, 96	7, 10, 12, 18, 22, 23, 25, 26, 34, 37, 38, 43, 45, 52, 54, 55, 62, 69, 81, 92, 96, 105, 106, 122, 130, 135, 139, 152



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Objective 7: 3.M.1.2.7 Use appropriate vocabulary.	1, 7, 8, 9, 11, 12, 14, 15, 17, 19, 21, 23, 24, 26, 28, 29, 31, 34, 37, 39, 41, 42, 45, 46, 47, 50, 51, 53, 58, 59, 61, 64, 67, 68, 71, 73, 75, 81, 82, 83, 87, 88, 91, 93, 96, 100, 101, 102, 103, 114, 117, 118, 122, 123, 132, 133, 151	
Goal 1.3 Estimate and judge reasonableness of results.		
Objective 1: 3.M.1.3.1 Estimation to predict sums and differences.	*67, 75, 85, 114, 115, 122, 134 Rounding: 60, 90, 134	55 Trial and Error: 2, 6, 16, 21, 25, 28, 36, 82, 93, 116, 146
Objective 2: 3.M.1.3.2 Use estimation to evaluate the reasonableness of a sum or difference.	*67, 75, 85, 114, 115, 122, 134 Rounding: 60, 90, 134	55 Trial and Error: 2, 6, 16, 21, 25, 28, 36, 82, 93, 116, 146
Objective 3: 3.M.1.3.3 Investigate the use a four-function calculator to solve complex grade-level problems.	97	*2, *6, *16, *21, *25, *28, *36, *82, *93, *116, *146
Objective 4: 3.M.1.3.4 Use appropriate vocabulary.	60, 67, 75, 85, 90, 114, 115, 122	

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<h2>STANDARD 2</h2> <h3>CONCEPTS and PRINCIPLES of MEASUREMENT</h3>

Goal 2.1 Understand and use U.S. customary and metric measurements.		
Objective 1: 3.M.2.1.1 Select and use appropriate units and tools to make formal measurements of length and temperature in both systems.	32, 50, 56, 74, 83, 86, 108, 124, 125 Weight: 62	145, 150 Volume: 29
Objective 2: 3.M.2.1.2 Estimate length, time and weight in real-world problems using standard units.	50, 56, 62, 83, 84, 86, 108, 112, *121, 125 Volume: 63	12, 22, 29, 38, 54, 64, 102, 109, 117, 121, 127, 128, 140, 142, 145, 150
Objective 3: 3.M.2.1.3 Tell time using digital and analog clocks using quarter hour and five minute intervals.	18, 65, 78, 89	
Objective 4: 3.M.2.1.4 Solve real-world problem related to time.	83, 112, 152	3, 12, 22, 32, 38, 54, 64
Objective 5: 3.M.2.1.5 Identify relationships of length and time within the U.S. customary system and within the metric system.	32, 50, 56, 74, 83, 86, 108, 116, 121, 125, 129 Distance: 62 Volume: 63 Area: 124	32, 64
Objective 6: 3.M.2.1.6 State that there are 24 hours in a day, 7 days in a week, and 12 months in a year.	26, 27, 84	12, 22, 32, 38, 54, 64
Objective 7: 3.M.2.1.7 Use appropriate vocabulary.	18, 26, 27, 29, 32, 50, 56, 62, 63, 65, 74, 78, 83, 86, 89, 108, 112, 116, 121, 124, 125	

*Gives opportunity to teach specific State Standard

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<h2>STANDARD 3</h2> <h3>CONCEPTS and LANGUAGE of ALGEBRA and FUNCTIONS</h3>		
Goal 3.1 Use algebraic symbolism as a tool to represent mathematical relationships.		
Objective 1: 3.M.3.1.1 Write a multiplication problem vertically and horizontally.	*39, *46, 53, 61, 68, 76, 81, 131 Add / Subtract: 8, 13, 14, 17, 19, *28, 34, 45, 67, 122, 123 Division: 71, 114 Using parenthesis: 28, 57, 92, 107	70, 73, 83, 89, 94, 101, 107, 114, 119, 124, 129, 134, 149, 154 Add / Subtract: 23, 31, 33, 35, 39, 40, 44, 48, 49, 54, 56, 63, 65, 68 Division: 75, 110, 141
Objective 2: 3.M.3.1.2 Write a number sentence using simple geometric shapes as symbols to represent an unknown number.	Letters for unknown: 36, 76, 81, 107 Missing Numbers: 76, 105 Expanded notation: 100	1, 11, 19, 24, 31, 39, 40, 44, 49, 56, 63, 68, 70, 73, 75, 77, 83, 89, 94, 101, 107, 110, 114, 119, 124, 129, 134, 141, 149, 154
Objective 3: 3.M.3.1.3 Write a fact family when given two addends.	13, 24, 45, *71, *96, *117, *142	
Objective 4: 3.M.3.1.4 Use symbols (<, >, =) to express relationships with numbers through 9,999.	4, 8, 21, 24, 28, 36, 38, 45, 57, 67, 76, 81, 92, 99, 100, 107, 122, 123	1, 11, 19, 24, 30, 31, 33, 35, 39, 40, 44, 48, 49, 54, 56, 63, 65, 68, 70, 73, 75, 77, 83, 89, 91, 94, 95, 101, 107, 110, 114, 119, 123, 124, 125, 129, 134, 141, 149, 154
Goal 3.2 Evaluate algebraic expressions.		
Objective 1: 3.M.3.2.1 Use the commutative property multiplication.	71, 96, 117, 142, 151 Add/Sub: 17, 45	
Objective 2: 3.M.3.2.2 Solve multiplication problems using the commutative property (e.g., if $24 \times 38 = 912$, then what is 38×24 ?).	71, 96, 117, 142, 151 Add/Sub: 17, 45 Mult. / Div. Inverse: 103, 117, 133, 142	
Goal 3.3 Solve algebraic equations and inequalities.		
Objective 1: 3.M.3.3.1 Solve missing addend equations.	36, 57, 76, 107 Mult. / Div.: 81, 107 Parentheses: 28, 57, 92	Parentheses: 95

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Goal 3.4: Understand the concept of functions.		
Objective 1: 3.M.3.4.1 Extend a growing arithmetic, numerical pattern when given a rule with a single operation of one digit addition (e.g., add 3).	2, 6, 37, 48, 80, 97, 113, 126, 155 Least to greatest: 4, 13, 38, 53, 104 Pattern of Shapes: 77	5, 45, 62, 78, 135 Order: 8, 14, 27, 32, 42, 47, 53, 59, 61, 66, 74, 88, 99, 108, 118, 131, 153
Objective 2: 3.M.3.4.2. Use appropriate vocabulary.	2, 4, 6, 9, 21, 34, 37, 38, 45, 48, 77, 80, 97, 113, 126, 55	45, 78
<h2>STANDARD 4</h2> <h3>CONCEPTS and PRINCIPLES of GEOMETRY</h3>		
Goal 4.1: Apply concepts of size, shape, and spatial relationships.		
Objective 1: 3.M.4.1.1 Identify, compare, and analyze attributes of two- and three-dimensional shapes, including right angles, squares, and three-dimensional shapes in environment, and develop vocabulary to describe the attributes.	8, 41, 56, 69, 77, *86, 106, *116, 119, 120, *124, 129, 138, 139, 141, 145 Lines (intersecting, perpendicular, parallel): 128, 129	4, 17, 41, 46, 50, 58, 60, 72, 76, 78, 86, 87, 90, 104, 111, 115, 126, 132, 136, 147, 151 Activity: 1, 2, 7, 12
Objective 2: 3.M.4.1.2 Discuss sliding and flipping of two-dimensional shapes.	120	*46, *72
Objective 3: 3.M.4.1.3 Identify vertical and horizontal lines of symmetry.	55	
Objective 4: 3.M.4.1.4 Use appropriate vocabulary.	8, 40, 41, 55, 56, 58, 68, 69, 72, 78, 86, 106, 119, 120, 124, 128, 129, 138, 139, 141, 145, 149	Activity 7, 12
Goal 4.3. Apply graphing in two dimensions.		
Objective 1: 3.M.4.3.1 Identify the point of final destination given directions for movement on a positive number line.	Addition on number line: 7, 13, 17, 24 Rounding on a number line: 60, 90, 134 General Directions: 10 Direction on a chart: 20	Activity 4, 10



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<h2>STANDARD 5</h2> <h3>DATA ANALYSIS, PROBABILITY, and STATISTICS</h3>

Goal 5.1: Understand data analysis.		
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Objective 1: 3.M.5.1.1 Interpret information found in tables, bar graphs and charts.	5, 20, 30, 35, 70, 80, 126, 141 Deductive Reasoning: 25	23, 97, 143 Activity 10
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Objective 2: 3.M.5.1.2 Use appropriate vocabulary.	5, 20, 30, 35, 70, 80, 126, 141	23, 97, 143 Activity 10
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Goal 5.2: Collect, organize, and display data.		
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Objective 1: 3.M.5.2.1 Collect, organize, and display data in tables, charts, or bar graphs in order to answer a question.	5, 30, 70, 127, 141	23, 97, 135, 143 Activity 10
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Goal 5.5: Make predictions or decisions based on data.		
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Objective 1: 3.M.5.5.1 Make predictions based on data.	5, 15, 30 (Combinations), 35, 80	23, 97, 135, 143 Activity 10
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