



| Standards / Objectives | <i>Excel Math</i> Lesson Numbers | Stretch Lesson Numbers Activity Numbers |
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| <h1>STANDARD 1</h1> <h2>NUMBER and OPERATION</h2> |
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| Goal 1.1: Understand and use numbers. | | |
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| Objective 1: 2.M.1.1.1 Demonstrate knowledge of our numeration system by counting forward by twos, fives, and tens to 100 and by counting forward and backward by ones from any given number less than 100. | 1, 2, 3, 4, 5, 6, 7, 9, 11, 17, 18, 28, 33, 37, 38, 41, 47, 54, 56, 64, 74, 76, 87, 92, 93, 99, 105, 121, 141, 148 Fractions – 63, 77, 80, 111, 120, 150, 155 | 115, 128 Fractions: Activity 2 |
| Objective 2: 2.M.1.1.2 Read, write, compare, and order whole numbers to 1,000. | 2, 5, 6, 7, 9, 11, 14, 17, 18, 24, 28, 31, 32, 33, 36, 38, 41, 47, 54, 61, 64, 73, 74, 76, 87, 88, 91, 92, 93, 94, 99, 111, 118, 122, 142, 148 | 25, 32, 91, 113, 149 |
| Objective 3: 2.M.1.1.3 Identify place value through 999. | 9, 22, 23, 24, 31, 32, 33, 39, 42, 43, 46, 49, 51, 54, 56, 59, 64, 67, 68, 71, 72, 73, 74, 82, 86, 88, 91, 92, 94, 106, 107, 116, 118, 122, 123, 129, 133, 145 | |
| Objective 4 2.M.1.1.4 Count the value of a collection of pennies, nickels, dimes, and quarters up to \$1.00. | 43, 66, 83, 109, 119, 138, 149 | 117, 123, 126, 137, 140, 146 Activity 10 |
| Objective 5 2.M.1.1.5 Recognize mathematical information and select strategies appropriate for solving a problem. | 27, 30, 33, 38, 40, 57, 66, 77, 81, 95, 97, 104, 105, 109, 111, 113, 114, 117, 125, 127, 128, 130, 153 | 27, 29, 30, 35, 37, 42, 43, 47, 55, 58, 63, 67, 72, 73, 76, 78, 79, 83, 93, 97, 99, 102, 107, 108, 110, 111, 116, 117, 120, 121, 123, 124, 126, 132, 140, 145, 146, 151, 154 Activity 3, 4 |
| Objective 6 2.M.1.1.6 Use appropriate vocabulary. | 1, 2, 3, 4, 5, 6, 7, 13, 14, 16, 18, 22, 23, 28, 33, 38, 39, 41, 42, 43, 46, 49, 51, 54, 56, 61, 64, 74, 76, 88, 91, 92, 94, 95, 99, 106, 111, 116 | 69, 117, 123, 126, 132, 140, 146 |

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| Goal 1.2: Perform computations accurately. | | |
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| Objective 1: 2.M.1.2.1 Use strategies for addition and subtraction combinations through 18. | 1, 2, 3, 4, 7, 8, 9, 11, 12, 13, 14, 16, 17, 18, 19, 20, 21, 23, 24, 26, 28, 31, 32, 33, 36, 41, 42, 43, 46, 48, 49, 51, 52, 53, 54, 56, 59, 61, 64, 66, 67, 68, 76, 81, 82, 83, 84, 87, 90, 92, 99, 101, 103, 107, 108, 109, 111, 112, 114, 119, 126, 131, 140, 142, 146, 147, 148, 151, 152, 154 Two-Digit: 71, 72, 82, 88, 118 Three-Digit: 91, 94, 116, 123, 129, 133, 139, 145, 146 | |
| Objective 2: 2.M.1.2.2 Add whole numbers with and without regrouping through 99. | 1, 2, 4, 7, 8, 9, 11, 12, 13, 14, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 28, 31, 32, 33, 36, 39, 42, 43, 46, 48, 49, 51, 52, 53, 54, 56, 59, 61, 64, 66, 68, 76, 81, 82, 84, 86, 95, 106, 107, 118, 122, 133, 147 Subtraction: two-digit: 16, 17, 67, 69, 70, 71, 72, 73, 82, 83, 84, 87, 88, 90, 92, 94, 98, 101, 102, 103, 106, 107, 108, 109, 111, 112, 116, 118, 126, 131, 133, 137, 138 Three-digit – 92, 129, 139, 145, 146 Multiplication – 108, 121, 124, 125, 126, 131, 132, 133, 134, 137, 138, 139, 140, 141, 142, 144, 146, 148, 149, 151, 152, 154 Division – 113, 114, 115, 127, 128, 136, 137, 152, 153, 154 Subtract / Add Money: 79, 86, 109, 138, 140 | 33, 41, 45, 52, 57, 61, 65, 70, 75, 80, 82, 87, 95, 101, 125, 133 |
| Objective 3: 2.M.1.2.3 Add three one-digit addends. | 4, 16, 21, 36, 48, 51, 54, 68, 95, 104, 108, 121, 125, 131, 141, 147 Series of two-digit – 46, 118 | 33, 41, 45, 52, 57, 61, 65, 70, 75, 80, 82, 87, 95, 101, 125, 133 |
| Objective 4 2.M.1.2.4 Choose addition or subtraction to solve word problems and explain the choice. | 27, 38, 57, 66, 81, 95, 104, 105, 109, 117, 125, 130 Division: 111, 113, 127, 128 | 29, 30, 35, 37, 42, 43, 47, 55, 58, 63, 67, 72, 76, 79, 83, 93, 97, 99, 108, 110, 117, 121, 123, 124, 126, 132, 140, 146, 151 Activity 3, 4 |
| Objective 5 2.M.1.2.5 Use appropriate vocabulary. | 1, 2, 4, 7, 9, 11, 12, 16, 17, 18, 20, 21, 22, 31, 32, 39, 46, 48, 49, 51, 54, 56, 59, 67, 87, 92, 94, 95, 106, 107, 108, 118, 136 | |



Idaho 2nd Grade Standards / *Excel Math* Correlation

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| Goal 1.3: Estimate and judge reasonableness of results. | | |
| Objective 1: 2.M.1.3.1 Estimate to predict the sum of numbers through 99. | 16, 21, 56, 66 | Measurement Activities V1, V2, V3, V4, V5, V6, V7, V8, W1, W2, W3, W4, W5, W6, W7, D1, D2, D3, D4, D5 |
| Objective 2: 2.M.1.3.2 Use estimation to evaluate the reasonableness of the sum of numbers through 99. | 16, 21, 56, 66 | Measurement Activities V1, V2, V3, V4, V5, V6, V7, V8, W1, W2, W3, W4, W5, W6, W7, D1, D2, D3, D4, D5 |
| Objective 3: 2.M.1.3.3 Use appropriate vocabulary. | 16, 21, 56, 66 | Measurement Activities V1, V2, V3, V4, V5, V6, V7, V8, W1, W2, W3, W4, W5, W6, W7, D1, D2, D3, D4, D5 |
| <h1 style="margin: 0;">STANDARD 2</h1> <h2 style="margin: 0;">CONCEPTS and PRINCIPLES of MEASUREMENT</h2> | | |
| Goal 2.1: Understand and use U.S. customary and metric measurements. | | |
| Objective 1: 2.M.2.1.1 Select a tool that can measure a given attribute (ruler; length, cup; volume, balance; weight, clock; time, thermometer – temperature). | 19, 29, 53, 55, 60, 62, 65, 69, 84, 85, 89, 98 | 53, 100, 118, 131, 148 Measurement Activities – V1, V2, V3, V4, V5, V6, V7, V8, W1, W2, W3, W4, W5, W6, W7, D1, D2, D3, D4, D5, D6 Activity 9 |
| Objective 2: 2.M.2.1.2 Estimate length and time using standard units. | 53, 55, 60, 65, 84, 85, 132 | Measurement Activities – V1, V2, V3, V4, V5, V6, V7, V8, W1, W2, W3, W4, W5, W6, W7, D1, D2, D3, D4, D5, D6 |
| Objective 3: 2.M.2.1.3 Tell time using both digital and analog clocks to the half hour. | 19, 29, 45, 62, 69, 89, 98, 143 | |
| Objective 4 2.M.2.1.4 Select the most appropriate unit to measure the time of a given situation (minutes, hours). | 89, 134 | 28, 40, 49, 89, 104, 133 Activity 3 |
| Objective 5 2.M.2.1.5 Recite the months of the year, in order. | 50, 134, 151 Days: 44 | 40, 49, 104, 133, 145 Activity 3 |
| Objective 6 2.M.2.1.6 Use appropriate vocabulary. | 19, 29, 44, 45, 50, 53, 55, 65, 89, 98, 134, 143, 151 | |

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STANDARD 3

CONCEPTS and LANGUAGE of ALGEBRA and FUNCTIONS

Goal 3.1: Use algebraic symbolism as a tool to represent mathematical relationships.

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| Objective 1: 2.M.3.1.1 Write addition and subtraction problems vertically and horizontally. | 9, 11, 20, 21, 22, 23, 28, 31, 32, 36, 38, 39, 42, 46, 48, 49, 51, 52, 56, 58, 59, 67, 86, 103, 108 Parentheses – 102, 124 | |
| Objective 2: 2.M.3.1.2 Write a number sentence from an addition or subtraction problem-solving situation. | 1, 6, 22, 23, 27, 38, 39, 46, 48, 49, 51, 52, 57, 58, 67, 81, 95, 117, 125, 136 Division: 77, 115, 127, 128, 153, 154 | 21, 33, 41, 45, 52, 57, 61, 65, 70, 75, 80, 82, 87, 95, 96, 101, 109, 114, 119, 125, 130, 134, 137, 143, 147, 155 |
| Objective 3: 2.M.3.1.3 Show the relationship between addition and subtraction using fact families. | 1, *9, 13, 20, 28, 36, 42, 48, 56, 67 Div / Multi : 137, 152 Multi / Add – 108, 121 | |
| Objective 4 2.M.3.1.4 Compare numbers to 999 using the vocabulary words/phrases of less than, greater than, equal to. | 3, 6, 11, 12, 15, 97, 112, 124, 142 | |

Goal 3.2 Evaluate algebraic expressions.

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| Objective 1: 2.M.3.2.1 Use the commutative property of addition. | 1, 9, 12, 13, 20, 28, 42, 48, 56, 67 | |
| Objective 2: 2.M.3.2.2 Solve addition problems using the commutative property (e.g., If $7 + 5 = 12$, then what is $5 + 7$?). | 1, 9, 12, 13, 20, 28, 42, 48, 56, 67 | |

Goal 3.4: Understand the concept of functions.

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| Objective 1: 2.M.3.4.1 Translate a repeating pattern from one representation to another (e.g., even, odd, even, odd translates to ABAB). | 2, 18, 26, 37, 44, 47, 54, 61, 70, 73, 87, 93, 96, 101, 121, 134 Order: 3, 14, 40, 44, 64, 73, 142 Missing numbers: 2, 18, 26, 38, 52, 70, 103 | 152 Activity 6 Order: 48, 89 |
| Objective 2: 2.M.3.4.2 Use appropriate vocabulary. | 18, 40, 47, 87, 93, 96, 101 | Activity 6 |

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| <h2>STANDARD 4</h2> <h3>CONCEPTS and PRINCIPLES of GEOMETRY</h3> |
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| <p>Goal 4.1: Apply concepts of size, shape, and spatial relationships.</p> |
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| <p>Objective 1: 2.M.4.1.1 Recognize, name, build, compare, and sort the two- and three-dimensional shapes of triangles, rectangles, squares, circles, cones, cubes, spheres, cylinders, and pyramids.</p> | <p>8, 10, 36, 78, 110, 135, 144</p> | <p>24, 94, 105, 129, 139 Activity 2, 7, 12, 13</p> |
| <p>Objective 2: 2.M.4.1.2 Sort and classify objects by more than one attribute.</p> | <p>14, 40, 44, 47, 54, 73, 87, 93</p> | <p>Activity 6, 13</p> |
| <p>Objective 3: 2.M.4.1.3 Draw a line of symmetry.</p> | <p>75</p> | <p>Activity 11</p> |
| <p>Objective 4 2.M.4.1.4 Use appropriate vocabulary.</p> | <p>8, 10, 36, 110, 144</p> | <p>Activity 7, 12</p> |

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| <p>Goal 4.3: Apply graphing in two dimensions.</p> |
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| <p>Objective 1: 2.M.4.3.1 Indicate whether a number is above or below a benchmark number of 1000 or less on a number line.</p> | <p>*4, 6, *9, 11, *13, *18, *22, 26, *39, *42, *47, *48, *56, *67, *70, *87</p> | |
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STANDARD 5
DATA ANALYSIS, PROBABILITY, and STATISTICS

Goal 5.1: Understand data analysis.

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| <p>Objective 1: 2.M.5.1.1 Interpret information found in simple tables, charts, bar graphs, and pictographs.</p> | 5, 15, 35, 50, 100, 105, 126 | 40, 42, 47, 49, 55, 97, 104, 124, 133, 151 |
| <p>Objective 2: 2.M.5.1.2 Use appropriate vocabulary.</p> | 5, 15, 35, 50, 100, 105, 126 | 40, 42, 47, 49, 55, 97, 104, 124, 133, 151 |

Goal 5.2: Collect, organize, and display data.

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| <p>Objective 1: 2.M.5.2.1 Gather and display data in tables, charts, and bar graphs in order to answer a question.</p> | 5, *15, *50 | 40, 55, 49, 104, 133 Measurement Activities – V1, V2, V3, V4, V5, V6, V7, V8, W1, W2, W3, W4, W5, W6, W7, D1, D2, D3, D4, D5, D6 Activity 1, 5, 6 |
| <p>Objective 2: 2.M.5.2.2 Use tally marks to represent data.</p> | 5, 15, 50 | Measurement Activities – V1, V2, V3, V4, V5, V6, V7, V8, W1, W2, W3, W4, W5, W6, W7, D1, D2, D3, D4, D5, D6 |