



# Key Topics by Grade with Idaho Achievement Standards



## 3rd Grade

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|-------------------------------------|--------------------|
| 1. Place Value to 10,000            | 3-1.1.1<br>3-1.1.2 |
| 2. Multi-Digit Addition             | 3-1.2.3            |
| 3. Multi-Digit Subtraction          | 3-1.2.3            |
| 4. Multiplication by a Single Digit | 3-1.2.4<br>3-3.1.1 |
| 5. Division by a Single Digit       | 4-1.2.2            |
| 6. Geometry—Identifying Shapes      | 3-4.1.1            |
| 7. Basic Fractions                  | 3-1.1.4<br>3-1.1.5 |

## 4th Grade

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| 1. Place Value to 1,000,000                   | 4-1.1.1<br>4-1.1.2<br>4-3.1.3            |
| 2. Multi-Digit Multiplication                 | 4-1.2.2<br>4-1.2.5                       |
| 3. Long Division w/Single Digit Divisor       | 4-1.2.2                                  |
| 4. Geometry—Area and Perimeter                | 4-4.1.3<br>5-2.1.3<br>5-4.1.4            |
| 5. Algebra—Find the Missing Number or Sign    | 3-3.3.1<br>4-3.1.2<br>4-3.3.1            |
| 6. Add/Subtract Fractions w/Like Denominators | 4-1.2.3<br>5-1.2.2                       |
| 7. Basic Decimals—Add/Subtract Decimals       | 4-1.1.5<br>4-1.2.4<br>5-1.1.2<br>5-1.2.3 |

## 5th Grade

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| 1. Graphing Coordinates                          | 5-4.3.1<br>6-4.3.1<br>7-4.3.1 |
| 2. Long Division w/Multi-Digit Divisors          | 5-1.2.1                       |
| 3. Multiply/Divide Decimals                      | 6-1.2.1                       |
| 4. Geometry—Area of Parallelograms and Triangles | 6-2.1.7                       |
| 5. Add/Subtract Integers                         | 6-1.1.6<br>7-1.2.4<br>8-1.2.1 |
| 6. Add/Subtract Fractions w/Unlike Denominators  | 6-1.2.2                       |
| 7. Decimals, Fractions, and Percents             | 6-1.1.3<br>7-1.1.2            |

## 6th Grade

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| 1. Factoring Numbers, GCF, and LCM                 | 6-1.1.5<br>7-1.1.4            |
| 2. Geometry—Circumference/Area of a Circle         | 6-2.1.7<br>7-2.1.6            |
| 3. Add/Subtract Mixed Numbers                      | 6-1.2.2<br>7-1.2.1            |
| 4. Ratios and Proportions                          | 6-2.2.1<br>7-2.2.3<br>8-2.2.1 |
| 5. Multiply/Divide Integers                        | 8-1.2.1                       |
| 6. Algebra—Solve One-Step Equations                | 6-3.1.1<br>6-3.3.1<br>7-3.3.1 |
| 7. Compare/Order Fractions, Decimals, and Integers | 7-1.1.1<br>7-1.1.3            |

## 7th Grade

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| 1. Order of Operations                     | 7-1.2.2<br>8-1.2.3                       |
| 2. Multiply/Divide Fractions               | 6-1.2.5<br>7-1.2.1                       |
| 3. Powers, Exponents, and Roots            | 7-1.2.3<br>8-1.2.4<br>9-1.1.3<br>9-1.1.2 |
| 4. Algebra—Solve Two-Step Equations        | 8-3.3.1                                  |
| 5. Graphing Using the Slope Formula        | 9-4.4.3                                  |
| 6. Simplifying Fractions w/Variables       | 9-3.2.1                                  |
| 7. Pythagorean Theorem and Right Triangles | 9-4.2.1<br>10-4.2.1                      |

## 8th Grade

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|---------------------------------------|--|
| 1. Algebra—Solve Multi-Step Equations | 9-3.3.1<br>10-3.3.1                        |
| 2. Add/Subtract Polynomials           | 9-3.2.1<br>10-3.2.1                        |
| 3. Multiply/Divide Polynomials        | 9-3.2.1<br>10-3.2.1                        |
| 4. FOIL                               | 9-3.2.1<br>10-3.2.1                        |
| 5. Factoring Polynomials              | 9-3.2.1<br>10-3.2.1                        |
| 6. Graph Linear Equations             | 9-4.4.1<br>9-4.4.2<br>10-4.4.1<br>10-4.4.2 |
| 7. Quadratic Formula                  | 9-3.3.2<br>10-3.3.2                        |