



Key Topics by Grade with South Carolina Learning Expectations



3rd Grade

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| 1. Place Value to 10,000 | 3-NO.I.B.1
3-NO.I.B.2 |
| 2. Multi-Digit Addition | 3-NO.III.B.3 |
| 3. Multi-Digit Subtraction | 3-NO.III.B.3 |
| 4. Multiplication by a Single Digit | 3-NO.II.A.1
3-NO.III.A.1 |
| 5. Division by a Single Digit | 3-NO.II.A.2
3-NO.III.A.1 |
| 6. Geometry–Identifying Shapes | 3-G.I.A.1 |
| 7. Basic Fractions | 3-NO.I.C.1
3-NO.I.E.1 |

4th Grade

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| 1. Place Value to 1,000,000 | 4-NO.I.A.1
4-NO.I.B.1 |
| 2. Multi-Digit Multiplication | 4-NO.III.B.2 |
| 3. Long Division w/Single Digit Divisor | 4-NO.II.A.1 |
| 4. Geometry–Area and Perimeter | 4-M.II.D.4 |
| 5. Algebra–Find the Missing Number or Sign | 4-A.II.B.1 |
| 6. Add/Subtract Fractions w/Like Denominators | 5-NO.III.E.1 |
| 7. Basic Decimals–Add/Subtract Decimals | 4-NO.I.A.2
4-NO.I.E.3
4-NO.III.E.1 |

5th Grade

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| 1. Graphing Coordinates | 5-G.II.B.1
7-G.II.A.1 |
| 2. Long Division w/Multi-Digit Divisors | 5-NO.III.B.1
5-NO.III.B.2 |
| 3. Multiply/Divide Decimals | 5-NO.III.E.2 |
| 4. Geometry–Area of Parallelograms and Triangles | 5-M.II.D.2
6-M.II.C.2 |
| 5. Add/Subtract Integers | 7-NO.III.A.1
7-NO.III.B.2 |
| 6. Add/Subtract Fractions w/Unlike Denominators | 6-NO.III.B.3 |
| 7. Decimals, Fractions, and Percents | 5-NO.I.E.1
5-NO.I.E.2
6-NO.I.A.1 |

6th Grade

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| 1. Factoring Numbers, GCF, and LCM | 5-NO.I.E.3
6-NO.I.F.1 |
| 2. Geometry–Circumference/Area of a Circle | 7-M.II.C.3 |
| 3. Add/Subtract Mixed Numbers | 6-NO.III.B.3 |
| 4. Ratios and Proportions | 7-NO.I.D.1
7-NO.III.D.1 |
| 5. Multiply/Divide Integers | 7-NO.III.B.2 |
| 6. Algebra–Solve One-Step Equations | 7-A.II.D.2
8-A.II.D.2 |
| 7. Compare/Order Fractions, Decimals, and Integers | 7-NO.I.G.1 |

7th Grade

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| 1. Order of Operations | 6-NO.II.A.1 |
| 2. Multiply/Divide Fractions | 6-NO.III.B.3 |
| 3. Powers, Exponents, and Roots | 7-NO.II.C.1 |
| 4. Algebra–Solve Two-Step Equations | 8-A.II.D.2 |
| 5. Graphing Using the Slope Formula | 7-A.IV.A.1
Alg-II.B.1 |
| 6. Simplifying Fractions w/Variables | Alg-I.D.2 |
| 7. Pythagorean Theorem and Right Triangles | 8-G.I.C.3 |

8th Grade

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| 1. Algebra–Solve Multi-Step Equations | Alg-II.C.2 |
| 2. Add/Subtract Polynomials | Alg-I.D.2 |
| 3. Multiply/Divide Polynomials | Alg-I.D.2
Alg-I.D.6 |
| 4. FOIL | Alg-I.D.2
Alg-I.D.6 |
| 5. Factoring Polynomials | Alg-III.A.5 |
| 6. Graph Linear Equations | Alg-II.B.4 |
| 7. Quadratic Formula | Alg-III.A.5 |