



Key Topics by Grade with Florida Grade Level Expectations



3rd Grade

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|-------------------------------------|----------------------|
| 1. Place Value to 10,000 | 3A-1
3A-9 |
| 2. Multi-Digit Addition | 3A-12 |
| 3. Multi-Digit Subtraction | 3A-12 |
| 4. Multiplication by a Single Digit | 3A-14
3A-16 |
| 5. Division by a Single Digit | 3A-15 |
| 6. Geometry—Identifying Shapes | 3C-1
3C-3 |
| 7. Basic Fractions | 3A-2
3A-5
3A-8 |

4th Grade

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| 1. Place Value to 1,000,000 | 4A-1
4A-4
5A-7 |
| 2. Multi-Digit Multiplication | 4A-14 |
| 3. Long Division w/Single Digit Divisor | 4A-14 |
| 4. Geometry—Area Perimeter and | 4C-9 |
| 5. Algebra—Find the Missing Number or Sign | 4D-7 |
| 6. Add/Subtract Fractions w/Like Denominators | 4A-17 |
| 7. Basic Decimals—Add/Subtract Decimals | 4A-3
4A-6
4A-10 |

5th Grade

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| 1. Graphing Coordinates | 5C-12
6C-12
7C-16 |
| 2. Long Division w/Multi-Digit Divisors | 5A-14 |
| 3. Multiply/Divide Decimals | 5A-10 |
| 4. Geometry—Area of Parallelograms and Triangles | 5B-14
5C-10
6C-2 |
| 5. Add/Subtract Integers | 6A-9 |
| 6. Add/Subtract Fractions w/Unlike Denominators | 5A-15 |
| 7. Decimals, Fractions, and Percents | 5A-1
5A-2
5A-3
5A-5 |

6th Grade

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|--|-------------------------|
| 1. Factoring Numbers, GCF, and LCM | 5A-18
6A-20
6A-21 |
| 2. Geometry—Circumference/Area of a Circle | 6C-1 |
| 3. Add/Subtract Mixed Numbers | 6A-10 |
| 4. Ratios and Proportions | 6A-13 |
| 5. Multiply/Divide Integers | 7A-14 |
| 6. Algebra—Solve One-Step Equations | 6D-12 |
| 7. Compare/Order Fractions, Decimals, and Integers | 6A-1
6A-3
6A-5 |

7th Grade

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| 1. Order of Operations | 6A-12
7A-18 |
| 2. Multiply/Divide Fractions | 7A-15 |
| 3. Powers, Exponents, and Roots | 7A-8 |
| 4. Algebra—Solve Two-Step Equations | 7D-13 |
| 5. Graphing Using the Slope Formula | 8D-9 |
| 6. Simplifying Fractions w/Variables | 7D-14
Alg. I* |
| 7. Pythagorean Theorem and Right Triangles | 7C-13
8C-10 |

8th Grade

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|---------------------------------------|-----------------------------------|
| 1. Algebra—Solve Multi-Step Equations | 8D-12
Alg. I* |
| 2. Add/Subtract Polynomials | 8D-16
Alg. I* |
| 3. Multiply/Divide Polynomials | Alg. I* |
| 4. FOIL | Alg. I* |
| 5. Factoring Polynomials | Alg. I* |
| 6. Graph Linear Equations | 7D-12
8D-1
8D-13
Alg. I* |
| 7. Quadratic Formula | Alg. II** |

*Aligns to Major Concepts/Content of Algebra I Course Description (Florida Dept. of Education, 2002)

**Aligns to Major Concepts/Content of Algebra II Course Description (Florida Dept. of Education, 1997)