



Key Topics by Grade with Arkansas Learning Expectations



3rd Grade

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| 1. Place Value to 10,000 | NO.1.3.1
NO.1.3.2 |
| 2. Multi-Digit Addition | NO.3.3.1 |
| 3. Multi-Digit Subtraction | NO.3.3.1 |
| 4. Multiplication by a Single Digit | NO.3.3.2
NO.3.3.3 |
| 5. Division by a Single Digit | NO.3.3.2 |
| 6. Geometry—Identifying Shapes | G.8.3.2-4 |
| 7. Basic Fractions | NO.1.3.4
NO.1.3.7 |

4th Grade

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| 1. Place Value to 1,000,000 | NO.1.4.1-3 |
| 2. Multi-Digit Multiplication | NO.3.4.2
NO.3.4.3a |
| 3. Long Division w/Single Digit Divisor | NO.3.4.2 |
| 4. Geometry—Area and Perimeter | M.13.4.9
M.13.4.10 |
| 5. Algebra—Find the Missing Number or Sign | A.5.4.3 |
| 6. Add/Subtract Fractions w/Like Denominators | NO.2.5.5
NO.3.5.2 |
| 7. Basic Decimals—Add/Subtract Decimals | NO.1.4.6
NO.1.4.7
NO.3.5.2 |

5th Grade

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| 1. Graphing Coordinates | G.10.5.1
G.10.6.1
G.10.7.1 |
| 2. Long Division w/Multi-Digit Divisors | NO.3.4.3b
NO.3.5.1 |
| 3. Multiply/Divide Decimals | NO.3.5.2b
NO.3.5.2c |
| 4. Geometry—Area of Parallelograms and Triangles | M.13.6.4 |
| 5. Add/Subtract Integers | NO.3.7.1 |
| 6. Add/Subtract Fractions w/Unlike Denominators | NO.3.6.2 |
| 7. Decimals, Fractions, and Percents | NO.1.5.3
NO.1.6.2 |

6th Grade

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| 1. Factoring Numbers, GCF, and LCM | NO.3.5.5
NO.3.6.5 |
| 2. Geometry—Circumference/Area of a Circle | G.8.6.4
M.13.7.3 |
| 3. Add/Subtract Mixed Numbers | NO.1.5.5 |
| 4. Ratios and Proportions | NO.1.5.1
NO.3.6.6 |
| 5. Multiply/Divide Integers | NO.3.7.1 |
| 6. Algebra—Solve One-Step Equations | NO.2.6.3
NO.2.7.2
A.5.7.2 |
| 7. Compare/Order Fractions, Decimals, and Integers | NO.1.7.5 |

7th Grade

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| 1. Order of Operations | NO.2.7.3 |
| 2. Multiply/Divide Fractions | NO.2.6.5
NO.3.6.2 |
| 3. Powers, Exponents, and Roots | NO.1.6.5
NO.3.5.5a
NO.1.6.5 |
| 4. Algebra—Solve Two-Step Equations | NO.2.8.1
A.5.8.1 |
| 5. Graphing Using the Slope Formula | A.6.8.1
G.10.8.1
LF.3.AL.6 |
| 6. Simplifying Fractions w/Variables | LA.1.AL.6 |
| 7. Pythagorean Theorem and Right Triangles | G.8.8.3 |

8th Grade

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| 1. Algebra—Solve Multi-Step Equations | SEI.2.AL.1 |
| 2. Add/Subtract Polynomials | LA.1.AL.5 |
| 3. Multiply/Divide Polynomials | LA.1.AL.5 |
| 4. FOIL | LA.1.AL.5 |
| 5. Factoring Polynomials | NLF.4.AL.1 |
| 6. Graph Linear Equations | A.6.8.1 |
| 7. Quadratic Formula | NLF.4.AL.3 |