



# Key Topics by Grade with Georgia Performance Standards



## 3rd Grade

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|-------------------------------------|----------------|
| 1. Place Value to 10,000            | M3N1a          |
| 2. Multi-Digit Addition             | M3N2a          |
| 3. Multi-Digit Subtraction          | M3N2a          |
| 4. Multiplication by a Single Digit | M3N3a<br>M3N3b |
| 5. Division by a Single Digit       | M3N4a          |
| 6. Geometry—Identifying Shapes      | M3G1b<br>M4G1a |
| 7. Basic Fractions                  | M3N5b          |

## 4th Grade

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|---|-------------------------|
| 1. Place Value to 1,000,000                   | M4N1a<br>M4N1b          |
| 2. Multi-Digit Multiplication                 | M4N3                    |
| 3. Long Division w/Single Digit Divisor       | M3N4e                   |
| 4. Geometry—Perimeter and Area                | M3M3b<br>M3M3c<br>M3M4c |
| 5. Algebra—Find the Missing Number or Sign    | M3A1c<br>M4A1b          |
| 6. Add/Subtract Fractions w/Like Denominators | M3N5e<br>M4N6b          |
| 7. Basic Decimals—Add/Subtract Decimals       | M4N1a<br>M4N5a<br>M4N5c |

## 5th Grade

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|--|-------------------------|
| 1. Graphing Coordinates                          | M4G3b<br>M4G3c<br>M7A3a |
| 2. Long Division w/Multi-Digit Divisors          | M4N4b                   |
| 3. Multiply/Divide Decimals                      | M5N3c<br>M5N3d          |
| 4. Geometry—Area of Parallelograms and Triangles | M5M1d                   |
| 5. Add/Subtract Integers                         | M7N1c                   |
| 6. Add/Subtract Fractions w/Unlike Denominators  | M5N4c<br>M5N4e          |
| 7. Decimals, Fractions, and Percents             | M6N1f<br>M6N1g          |

## 6th Grade

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|--|----------------|
| 1. Factoring Numbers, GCF, and LCM                 | M6N1b<br>M6N1c |
| 2. Geometry—Circumference/Area of a Circle         | M5G2<br>M6M4b  |
| 3. Add/Subtract Mixed Numbers                      | M6N1d          |
| 4. Ratios and Proportions                          | M6A2c<br>M6A2g |
| 5. Multiply/Divide Integers                        | M7N1c          |
| 6. Algebra—Solve One-Step Equations                | M6A3           |
| 7. Compare/Order Fractions, Decimals, and Integers | M7N1b          |

## 7th Grade

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|--|-------|
| 1. Order of Operations                     | M7N1c |
| 2. Multiply/Divide Fractions               | M6N1e |
| 3. Powers, Exponents, and Roots            | M8N1c |
| 4. Algebra—Solve Two-Step Equations        | M7A2d |
| 5. Graphing Using the Slope Formula        | M8A3e |
| 6. Simplifying Fractions w/Variables       | M8A1a |
| 7. Pythagorean Theorem and Right Triangles | M8G1d |

## 8th Grade

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|---------------------------------------|--------------------|
| 1. Algebra—Solve Multi-Step Equations | M8A1c              |
| 2. Add/Subtract Polynomials           | M8A6b              |
| 3. Multiply/Divide Polynomials        | M8A6c              |
| 4. FOIL                               | MCIIA1c            |
| 5. Factoring Polynomials              | MCIIA1b<br>MCIIA1c |
| 6. Graph Linear Equations             | M8A3b<br>M8A3c     |
| 7. Quadratic Formula                  | MCIIA3a            |