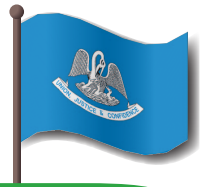


# Key Topics by Grade with Louisiana Grade-Level Expectations



## 3rd Grade

- |                                     |                         |
|-------------------------------------|-------------------------|
| 1. Place Value to 10,000            | 3.1.1                   |
| 2. Multi-Digit Addition             | 3.1.11                  |
| 3. Multi-Digit Subtraction          | 3.1.11                  |
| 4. Multiplication by a Single Digit | 3.1.5<br>3.1.7<br>3.1.9 |
| 5. Division by a Single Digit       | 3.1.7<br>3.1.9          |
| 6. Geometry—Identifying Shapes      | 3.4.29<br>3.4.36        |
| 7. Basic Fractions                  | 3.1.3                   |

## 4th Grade

- |   |                  |
|---|------------------|
| 1. Place Value to 1,000,000                   | 4.1.1<br>4.1.2   |
| 2. Multi-Digit Multiplication                 | 4.1.4<br>4.1.11  |
| 3. Long Division w/Single Digit Divisor       | 4.1.11           |
| 4. Geometry—Area and Perimeter                | 5.1.3            |
| 5. Algebra—Find the Missing Number or Sign    | 4.2.15<br>4.2.19 |
| 6. Add/Subtract Fractions w/Like Denominators | 3.3.22<br>3.3.23 |
| 7. Basic Decimals—Add/Subtract Decimals       | 4.1.5            |

## 5th Grade

- |  |                            |
|--|----------------------------|
| 1. Graphing Coordinates                          | 5.4.27<br>6.4.28<br>7.4.29 |
| 2. Long Division w/Multi-Digit Divisors          | 6.1.12                     |
| 3. Multiply/Divide Decimals                      | 7.1.5                      |
| 4. Geometry—Area of Parallelograms and Triangles | 6.3.19                     |
| 5. Add/Subtract Integers                         | 7.1.7                      |
| 6. Add/Subtract Fractions w/Unlike Denominators  | 6.1.9                      |
| 7. Decimals, Fractions, and Percents             | 7.1.1                      |

## 6th Grade

- |  |         |
|--|---------|
| 1. Factoring Numbers, GCF, and LCM                 | 6.1.1-3 |
| 2. Geometry—Circumference/Area of a Circle         | 7.4.28  |
| 3. Add/Subtract Mixed Numbers                      | 6.1.9   |
| 4. Ratios and Proportions                          | 6.1.13  |
| 5. Multiply/Divide Integers                        | 7.1.7   |
| 6. Algebra—Solve One-Step Equations                | 4.2.19  |
| 7. Compare/Order Fractions, Decimals, and Integers | 6.1.6   |

## 7th Grade

- |  |                  |
|--|------------------|
| 1. Order of Operations                     | 7.1.3            |
| 2. Multiply/Divide Fractions               | 7.1.5            |
| 3. Powers, Exponents, and Roots            | 7.2.13           |
| 4. Algebra—Solve Two-Step Equations        | 6.2.17<br>7.2.16 |
| 5. Graphing Using the Slope Formula        | 9.4.25           |
| 6. Simplifying Fractions w/Variables       | 9.2.8            |
| 7. Pythagorean Theorem and Right Triangles | 8.4.31           |

## 8th Grade

- |                                       |           |
|---------------------------------------|-----------|
| 1. Algebra—Solve Multi-Step Equations | 8.2.12    |
| 2. Add/Subtract Polynomials           | 9.2.8     |
| 3. Multiply/Divide Polynomials        | 9.2.8     |
| 4. FOIL                               | 9.2.8     |
| 5. Factoring Polynomials              | 11-12.2.5 |
| 6. Graph Linear Equations             | 8.2.14    |
| 7. Quadratic Formula                  | 11-12.2.9 |