



Key Topics by Grade with Tennessee Grade Accomplishments



3rd Grade

- Place Value to $10,000$
 - 3.1.1c
 - 3.1.1d
 - 3.1.1f
 - 3.1.1g
 - 3.1.1m
- Multi-Digit Addition
 - 3.1.3a
- Multi-Digit Subtraction
 - 3.1.3a
- Multiplication by a Single Digit
 - 4.1.2b
 - 4.1.3d
- Division by a Single Digit
 - 4.1.2b
 - 4.1.3d
- Geometry—Identifying Shapes
 - 3.3.1a
 - 4.3.1d
- Basic Fractions
 - 3.1.1h
 - 3.1.1i

4th Grade

- Place Value to $1,000,000$
 - 4.1.1c
 - 4.1.1e
- Multi-Digit Multiplication
 - 4.1.3d
- Long Division w/Single Digit Divisor
 - 4.1.3d
- Geometry—Area and Perimeter
 - 4.4.1a
 - 4.4.2f
- Algebra—Find the Missing Number or Sign
 - 4.2.2a
 - 4.2.2b
- Add/Subtract Fractions w/Like Denominators
 - 4.1.3c
- Basic Decimals—Add/Subtract Decimals
 - 4.1.1a
 - 4.1.1e

5th Grade

- Graphing Coordinates
 - 5.3.2b
 - 6.3.2a
 - 7.3.2a
- Long Division w/Multi-Digit Divisors
 - 5.1.3d
- Multiply/Divide Decimals
 - 5.1.3d
- Geometry—Area of Parallelograms and Triangles
 - 5.4.2f
- Add/Subtract Integers
 - 6.1.3b
- Add/Subtract Fractions w/Unlike Denominators
 - 5.1.3e
- Decimals, Fractions, and Percents
 - 6.1.1c
 - 6.1.3a

6th Grade

- Factoring Numbers, GCF, and LCM
 - 6.1.1j
 - 6.1.1m
- Geometry—Circumference/Area of a Circle
 - 7.4.2c
- Add/Subtract Mixed Numbers
 - 6.1.3b
- Ratios and Proportions
 - 6.1.1g-i
- Multiply/Divide Integers
 - 6.1.3b
- Algebra—Solve One-Step Equations
 - 6.2.2d
- Compare/Order Fractions, Decimals, and Integers
 - 6.1.1d
 - 6.1.1e

7th Grade

- Order of Operations
 - 7.1.2d
 - 8.1.2d
- Multiply/Divide Fractions
 - 7.1.3b
- Powers, Exponents, and Roots
 - 7.1.1b-d
- Algebra—Solve Two-Step Equations
 - 8.2.2g
- Graphing Using the Slope Formula
 - 8.2.2b
- Simplifying Fractions w/Variables
 - 1.10*
- Pythagorean Theorem and Right Triangles
 - 8.3.1g

8th Grade

- Algebra—Solve Multi-Step Equations
 - 2.9*
- Add/Subtract Polynomials
 - 1.10*
- Multiply/Divide Polynomials
 - 1.10*
- FOIL
 - 1.10*
 - 2.12*
- Factoring Polynomials
 - 1.10*
 - 2.12*
- Graph Linear Equations
 - 8.2.2k
- Quadratic Formula
 - 2.3e**

*Based on Algebra I Learning Expectations
 **Based on Algebra II State Performance Indicators