



Key Topics by Grade with Wyoming Content Standards



3rd Grade

1. Place Value to 10,000	3.1.1 3.1.2
2. Multi-Digit Addition	3.1.5 4.1.5
3. Multi-Digit Subtraction	3.1.5 4.1.5
4. Multiplication by a Single Digit	4.1.4 4.1.5
5. Division by a Single Digit	5.1.3
6. Geometry—Identifying Shapes	3.2.1
7. Basic Fractions	4.1.7

4th Grade

1. Place Value to 1,000,000	4.1.1 4.1.2
2. Multi-Digit Multiplication	5.1.3
3. Long Division w/Single Digit Divisor	5.1.3
4. Geometry—Area and Perimeter	4.3.5
5. Algebra—Find the Missing Number or Sign	5.4.3 6.4.3
6. Add/Subtract Fractions w/Like Denominators	5.1.7
7. Basic Decimals—Add/Subtract Decimals	5.1.1 5.1.5

5th Grade

1. Graphing Coordinates	7.4.4
2. Long Division w/Multi-Digit Divisors	6.1.2
3. Multiply/Divide Decimals	6.1.2 7.1.3
4. Geometry—Area of Parallelograms and Triangles	5.3.5 6.3.5
5. Add/Subtract Integers	7.1.2
6. Add/Subtract Fractions w/Unlike Denominators	6.1.6 7.1.4
7. Decimals, Fractions, and Percents	6.1.6

6th Grade

1. Factoring Numbers, GCF, and LCM	6.1.5 8.1.1
2. Geometry—Circumference/Area of a Circle	7.3.4 8.3.3
3. Add/Subtract Mixed Numbers	6.1.6 6.1.7 7.1.4
4. Ratios and Proportions	8.1.1
5. Multiply/Divide Integers	7.1.2
6. Algebra—Solve One-Step Equations	7.4.2
7. Compare/Order Fractions, Decimals, and Integers	6.1.3 7.1.1 8.1.2

7th Grade

1. Order of Operations	7.1.7 8.1.2
2. Multiply/Divide Fractions	7.1.5
3. Powers, Exponents, and Roots	6.1.8 8.1.1
4. Algebra—Solve Two-Step Equations	8.4.2
5. Graphing Using the Slope Formula	11.2.4
6. Simplifying Fractions w/Variables	11.4.2
7. Pythagorean Theorem and Right Triangles	8.2.3

8th Grade

1. Algebra—Solve Multi-Step Equations	11.4.2
2. Add/Subtract Polynomials	11.4.2
3. Multiply/Divide Polynomials	11.4.2
4. FOIL	11.4.2
5. Factoring Polynomials	11.4.2
6. Graph Linear Equations	8.4.4
7. Quadratic Formula	11.4.2