



Key Topics by Grade with South Dakota Standards



3rd Grade

- 1. Place Value to 10,000 3.N.1.1
- 2. Multi-Digit Addition 3.N.2.1
- 3. Multi-Digit Subtraction 3.N.2.1
- 4. Multiplication by a Single Digit 3.A.1.1, 3.A.1.2, 3.A.3.1, 3.N.2.1
- 5. Division by a Single Digit 3.A.3.1
- 6. Geometry— Identifying Shapes 3.G.1.1, 3.G.1.2
- 7. Basic Fractions 3.N.1.3

4th Grade

- 1. Place Value to 1,000,000 4.A.2.2, 4.N.1.1
- 2. Multi-Digit Multiplication 4.N.2.1
- 3. Long Division w/Single Digit Divisor 4.N.2.1
- 4. Geometry—Area and Perimeter 6.M.1.2
- 5. Algebra—Find the Missing Number or Sign 4.A.1.3
- 6. Add/Subtract Fractions w/Like Denominators 5.N.2.2
- 7. Basic Decimals— Add/Subtract Decimals 4.N.1.1, 4.N.2.2

5th Grade

- 1. Graphing Coordinates 6.A.3.1, 7.A.3.1
- 2. Long Division w/Multi-Digit Divisors 5.N.2.1
- 3. Multiply/Divide Decimals 5.N.2.3
- 4. Geometry—Area of Parallelograms and Triangles 7.M.1.2
- 5. Add/Subtract Integers 5.N.1.4
- 6. Add/Subtract Fractions w/Unlike Denominators 7.N.1.2
- 7. Decimals, Fractions, and Percents 6.N.1.1

6th Grade

- 1. Factoring Numbers, GCF, and LCM 6.N.1.2
- 2. Geometry— Circumference/Area of a Circle 7.M.1.2
- 3. Add/Subtract Mixed Numbers 7.N.2.1
- 4. Ratios and Proportions 6.A.3.2
- 5. Multiply/Divide Integers 7.N.2.1
- 6. Algebra—Solve One-Step Equations 6.A.2.1, 7.A.2.1
- 7. Compare/Order Fractions, Decimals, and Integers 7.N.1.1

7th Grade

- 1. Order of Operations 6.A.1.1
- 2. Multiply/Divide Fractions 7.N.2.1
- 3. Powers, Exponents, and Roots 8.N.1.1
- 4. Algebra—Solve Two-Step Equations 8.A.2.1
- 5. Graphing Using the Slope Formula 9-12.A.3.1
- 6. Simplifying Fractions w/Variables 9-12.A.1.1A
- 7. Pythagorean Theorem and Right Triangles 8.G.1.2

8th Grade

- 1. Algebra—Solve Multi-Step Equations 9-12.A.2.1
- 2. Add/Subtract Polynomials 9-12.A.1.1
- 3. Multiply/Divide Polynomials 9-12.A.1.1
- 4. FOIL 9-12.A.1.1
- 5. Factoring Polynomials 9-12.A.1.1
- 6. Graph Linear Equations 9-12.A.4.1
- 7. Quadratic Formula 9-12.A.2.1A