

6th Grade Math Curriculum Map

Unit 1 – Ratios, Rate, Percent and Proportions

1-1 Ratios

CCSS.MATH.CONTENT.6.RP.A.1

1-2 Unit Rate

CCSS.MATH.CONTENT.6.RP.A.2

CCSS.MATH.CONTENT.6.RP.A.3.B

CCSS.MATH.CONTENT.6.RP.A.3.D

1-3 Equivalent Ratios and Tables

CCSS.MATH.CONTENT.6.RP.A.3

CCSS.MATH.CONTENT.6.RP.A.3.A

1-4 Comparing Ratios

CCSS.MATH.CONTENT.6.RP.A.3

CCSS.MATH.CONTENT.6.RP.A.3.A

1-5 Proportions

CCSS.MATH.CONTENT.6.RP.A.3

CCSS.MATH.CONTENT.6.RP.A.3.B

1-6 Percent and Rates per 100

CCSS.MATH.CONTENT.6.RP.A.3.C

1-7 A Fraction as a Percent

CCSS.MATH.CONTENT.6.RP.A.3.C

1-8 Ratio and Measurement Units

CCSS.MATH.CONTENT.6.RP.A.3.A

CCSS.MATH.CONTENT.6.RP.A.3.D



Unit 2 – Operations of Fractions and Decimals

2-1 Dividing Fractions

CCSS.MATH.CONTENT.6.NS.A.1

2-2 Dividing Whole Number and Fractions

CCSS.MATH.CONTENT.6.NS.A.1

2-3 Dividing Mixed Numbers and Fractions

CCSS.MATH.CONTENT.6.NS.A.1

2-4 Dividing Multi-Digit Numbers

CCSS.MATH.CONTENT.6.NS.B.2

2-5 Add and Subtract Multi-Digit Decimals

CCSS.MATH.CONTENT.6.NS.B.3

2-6 Multiply and Divide Multi-Digit Decimals

CCSS.MATH.CONTENT.6.NS.B.3

2-7 Least Common Multiple and Greatest Common Factor

CCSS.MATH.CONTENT.6.NS.B.4

2-8 The Distributive Property and the Products of Decimals

CCSS.MATH.CONTENT.6.NS.B.4



Unit 3 – Rational Numbers

3-1 Positive and Negative Numbers

CCSS.MATH.CONTENT.6.NS.C.5

3-2 Positive and Negative Numbers on the Number Line

CCSS.MATH.CONTENT.6.NS.C.6

CCSS.MATH.CONTENT.6.NS.C.6.A

CCSS.MATH.CONTENT.6.NS.C.6.C

3-3 Comparing and Ordering Rational Numbers

CCSS.MATH.CONTENT.6.NS.C.5

CCSS.MATH.CONTENT.6.NS.C.7

CCSS.MATH.CONTENT.6.NS.C.7.A

CCSS.MATH.CONTENT.6.NS.C.7.B

3-4 Writing and Interpreting Inequality Statements

CCSS.MATH.CONTENT.6.NS.C.7.A

CCSS.MATH.CONTENT.6.NS.C.7.B

3-5 Absolute Value of Rational Numbers

CCSS.MATH.CONTENT.6.NS.C.7

CCSS.MATH.CONTENT.6.NS.C.7.D

3-6 Absolute Value and Ordering Numbers

CCSS.MATH.CONTENT.6.NS.C.7.C

CCSS.MATH.CONTENT.6.NS.C.7.D

3-7 Rational Numbers and the Coordinate Plane

CCSS.MATH.CONTENT.6.NS.C.8

CCSS.MATH.CONTENT.6.NS.C.6

CCSS.MATH.CONTENT.6.NS.C.6.C

3-8 Ordered Pairs on the Coordinate Plane

CCSS.MATH.CONTENT.6.NS.C.6

CCSS.MATH.CONTENT.6.NS.C.6.C

CCSS.MATH.CONTENT.6.NS.C.8

3-9 Distance on the Coordinate Plane

CCSS.MATH.CONTENT.6.NS.C.6

CCSS.MATH.CONTENT.6.NS.C.6.C

CCSS.MATH.CONTENT.6.NS.C.8



Unit 4 – Expressions and Equations

4-1 Writing and Evaluating Numerical Expressions with Exponents

CCSS.MATH.CONTENT.6.EE.A.1

4-2 Writing and Evaluating Algebraic Expressions

CCSS.MATH.CONTENT.6.EE.A.2

CCSS.MATH.CONTENT.6.EE.A.2.A

CCSS.MATH.CONTENT.6.EE.A.2.B

CCSS.MATH.CONTENT.6.EE.A.2.C

4-3 The Order of Operations

CCSS.MATH.CONTENT.6.EE.A.2.B

CCSS.MATH.CONTENT.6.EE.A.2.C

4-4 Equivalent Expressions

CCSS.MATH.CONTENT.6.EE.A.3

CCSS.MATH.CONTENT.6.EE.A.4

4-5 Solutions of Equations

CCSS.MATH.CONTENT.6.EE.B.5

CCSS.MATH.CONTENT.6.EE.B.6

4-6 Solving One - Variable Equations

CCSS.MATH.CONTENT.6.EE.B.6

CCSS.MATH.CONTENT.6.EE.B.7

4-7 Dependent and Independent Variables

CCSS.MATH.CONTENT.6.EE.B.6

CCSS.MATH.CONTENT.6.EE.C.9



Unit 5 – Inequalities

5-1 Inequalities

CCSS.MATH.CONTENT.6.EE.B.5
CCSS.MATH.CONTENT.6.NS.C.7.A
CCSS.MATH.CONTENT.6.NS.C.7.B

5-2 Solving One - Variable Inequalities

CCSS.MATH.CONTENT.6.EE.B.5
CCSS.MATH.CONTENT.6.EE.B.6
CCSS.MATH.CONTENT.6.EE.B.8

5-3 Solutions of Inequalities

CCSS.MATH.CONTENT.6.EE.B.5
CCSS.MATH.CONTENT.6.EE.B.8

5-4 Solutions of Inequalities on Number Line

CCSS.MATH.CONTENT.6.EE.B.8

5-5 Applications of Inequalities

CCSS.MATH.CONTENT.6.EE.B.8



Unit 6– Geometry

6-1 The Area of Special Quadrilaterals

CCSS.MATH.CONTENT.6.G.A.1

6-2 The Area of Right Triangles

CCSS.MATH.CONTENT.6.G.A.1

6-3 The Area of All Triangles

CCSS.MATH.CONTENT.6.G.A.1

6-4 The Area of Polygons Through Composition and Decomposition

CCSS.MATH.CONTENT.6.G.A.1

6-5 Volume of Right Rectangular Prisms

CCSS.MATH.CONTENT.6.G.A.2

6-6 Polygons on the Coordinate Plane

CCSS.MATH.CONTENT.6.G.A.3

6-7 Perimeter and Area of Polygons on the Coordinate Plane

CCSS.MATH.CONTENT.6.G.A.3

6-8 Nets and Surface Area

CCSS.MATH.CONTENT.6.G.A.4



Unit 7 – Data Displays

7-1 Statistical Questions

CCSS.MATH.CONTENT.6.SP.A.1

CCSS.MATH.CONTENT.6.SP.A.2

CCSS.MATH.CONTENT.6.SP.A.3

7-2 Display Data on Dot Plots, Histograms, and Box Plots

CCSS.MATH.CONTENT.6.SP.A.3

CCSS.MATH.CONTENT.6.SP.B.4

7-3 Mean and Median

CCSS.MATH.CONTENT.6.SP.B.5

CCSS.MATH.CONTENT.6.SP.B.5.A

CCSS.MATH.CONTENT.6.SP.B.5.B

CCSS.MATH.CONTENT.6.SP.B.5.C

CCSS.MATH.CONTENT.6.SP.B.5.D

7-4 Range and Interquartile Range

CCSS.MATH.CONTENT.6.SP.B.5

CCSS.MATH.CONTENT.6.SP.B.5.A

CCSS.MATH.CONTENT.6.SP.B.5.B

CCSS.MATH.CONTENT.6.SP.B.5.C

CCSS.MATH.CONTENT.6.SP.B.5.D

7-5 Mean Absolute Deviation

CCSS.MATH.CONTENT.6.SP.B.5

CCSS.MATH.CONTENT.6.SP.B.5.A

CCSS.MATH.CONTENT.6.SP.B.5.B

CCSS.MATH.CONTENT.6.SP.B.5.C

CCSS.MATH.CONTENT.6.SP.B.5.D

7-6 Comparing Data Displays

CCSS.MATH.CONTENT.6.SP.B.5

CCSS.MATH.CONTENT.6.SP.B.5.A

CCSS.MATH.CONTENT.6.SP.B.5.B

CCSS.MATH.CONTENT.6.SP.B.5.C



CCSS.MATH.CONTENT.6.SP.B.5.D

7-7 Shape of Data Distributions

CCSS.MATH.CONTENT.6.SP.A.2

CCSS.MATH.CONTENT.6.SP.A.3

CCSS.MATH.CONTENT.6.SP.B.5

CCSS.MATH.CONTENT.6.SP.B.5.A

CCSS.MATH.CONTENT.6.SP.B.5.B

CCSS.MATH.CONTENT.6.SP.B.5.C

CCSS.MATH.CONTENT.6.SP.B.5.D

7-8 Describing Distributions

CCSS.MATH.CONTENT.6.SP.B.5

CCSS.MATH.CONTENT.6.SP.B.5.A

CCSS.MATH.CONTENT.6.SP.B.5.B

CCSS.MATH.CONTENT.6.SP.B.5.C

CCSS.MATH.CONTENT.6.SP.B.5.D