



## 6<sup>th</sup> Grade Math Curriculum Map – with CCSS

### Unit 1 – Ratios and Proportional Relationships

**1-1 Ratios**

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

**1-2 Unit Rate**

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

**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.A

**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.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

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

### **3-2 Operations on Positive and Negative Numbers**

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

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

### **3-3 Rational Numbers**

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

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

### **3-4 Writing and Interpreting Inequalities in Rational Numbers**

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.D

### **3-6 Rational Numbers and the Coordinate Plane**

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

### **3-7 Symmetry in the Coordinate Plane**

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



## 3-8 Distance on the Coordinate Plane

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

## Unit 4 – Expressions and Equations

### 4-1 The Relationship of Operations

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

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

### 4-2 Exponents

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

### 4-3 The Order of Operations

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

### 4-4 Substitute Letters and Numbers

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

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

### 4-5 Expanded and Standard Form of Multiplication Expressions

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

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

### 4-6 Equivalent Expressions

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

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

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

### 4-7 Writing and Evaluating Expressions

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

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

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

### 4-8 Solutions of Equations

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

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

### 4-9 Solving One-Step Equations

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

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

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



## 4-10 Solving Two-Step and Multi-Step Equations

CCSS.MATH.CONTENT.6.EE.B.5  
CCSS.MATH.CONTENT.6.EE.B.6  
CCSS.MATH.CONTENT.6.EE.B.7

## 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 a 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 Area of Special Quadrilaterals

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

### 6-2 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

### **7-2 Data Distribution and Dot Plots**

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

### **7-3 Data Distribution and Histograms**

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

### **7-4 The Mean and Mean Absolute Deviation**

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

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

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

### **7-5 The Median, 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

### **7-6 Understanding Box Plots**

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

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 Comparing Data Distributions**

CCSS.MATH.CONTENT.6.SP.B.4  
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 Making a Statistical Project**

CCSS.MATH.CONTENT.6.SP.A.1  
CCSS.MATH.CONTENT.6.SP.B.5.A  
CCSS.MATH.CONTENT.6.SP.B.5.B