

Mathematics Grade 6

1. Ratio and Proportional Relationships 6.RP

- 1.1 Understanding Ratios 6.RP
- 1.2 Converting Rates to Unit Rates 6.RP
- 1.3 Unitary Method 6.RP
- 1.4 Understanding Percents 6.RP
- 1.5 Problems on Percentage 6.RP

2. The Number System 6.NS

- 2.1 Greatest Common Factor 6.NS
- 2.2 Multiples and LCM 6.NS
- 2.3 Multiplication of Fractions 6.NS
- 2.4 Division of Fractions 6.NS
- 2.5 Dividing Multi-digit Numbers 6.NS
- 2.6 Adding Decimals 6.NS
- 2.7 Subtracting Decimals 6.NS
- 2.8 Multiplication of Decimal Numbers 6.NS
- 2.9 Division of Decimal Numbers 6.NS
- 2.10 Introduction to Integers 6.NS
- 2.11 Comparing Integers 6.NS
- 2.12 Finding the Absolute Value of an Integer 6.NS
- 2.13 Simplifying Numerical Expressions 6.EE
- 2.14 Rational Numbers on Number Line 6.NS
- 2.15 Cartesian system 6.NS
- 2.16 Distance Formula 6.NS

3. Geometry 6.G

- 3.1 Area of Plane Figures 6.G
- 3.2 Area of a Polygon 6.G
- 3.3 Volume of Prism 6.G
- 3.4 Three Dimension Shapes 6.G
- 3.5 Nets for building Three Dimensional (3D) shapes 6.G

4. Expressions and Equations 6.EE

- 4.1 Expressions Involving Exponents 6.EE
- 4.2 Translate Phrases or Statements into Expressions 6.EE
- 4.3 Evaluate Expressions at Specific Values 6.EE
- 4.4 Simplify Expressions by Combining Like Terms 6.EE
- 4.5 Understanding Equations 6.EE

- 4.6 Solving Equations 6.EE
- 4.7 Applications of Equations 6.EE
- 4.8 Inequality 6.EE

5. Statistics and Probability 6.SP

- 5.1 Develop Understanding of Statistical Variability 6.SP
- 5.2 Mean, Median, Mode and Range 6.SP
- 5.3 Compare the Central Measures 6.SP
- 5.4 Construct stem-and leaf diagrams 6.SP
- 5.5 Box-and-whisker plot 6.SP
- 5.6 Reading Data from Bar and Line Graphs 6.SP
- 5.7 Construct a Bar Graph for a given set of Data 6.SP
- 5.8 Reading Data from Pie Charts 6.SP
- 5.9 Construct a Pie Graph for a given set of Data 6.SP
- 5.10 Reading Data from Pictograph 6.SP
- 5.11 Double Bar Graph 6.SP
- 5.12 Histogram 6.SP

6. Measurements 6.MM

- 6.1 Convert units in the English System 6.MM
- 6.2 Convert units in the Metric System 6.MM
- 6.3 Multiply or Divide any Measurement by a Number 6.MM