

Math 6

COURSE DESCRIPTION:

Students will learn 6th grade math topics outlined in this course drawing from a variety of sources, including hands on activities, interactive lessons, and practical math applications.

PREREQUISITES: None

COURSE LENGTH: Two semesters

REQUIRED TEXT: None

COURSE OUTLINE:

Whole Numbers/Number Sense

- Comparing and Ordering Numbers
- Exponents
- Patterns
- Number Properties

Decimals

- Comparing and Ordering Decimals
- Estimating Operations
- Adding and Subtracting Decimals
- Multiplying Decimals
- Dividing Decimals

Fractions

- Factors
- Lowest Terms & GCF
- Converting Fractions to Decimals
- Adding and Subtracting Like, Unlike and Mixed

Numbers

- Multiplying & Dividing Fractions and Percents
- Converting Percents to Decimals and Fractions
- Applications of percents

Probability & Statistics

- Making Predictions & Finding Probabilities
- Tree Diagrams
- Reading Charts & Graphs
- Measures of Central Tendency
- Problem Solving

Geometry

- Classifying and Measuring Lines & Angles
- Geometric Shapes
- Circles
- Coordinate Geometry

Measurement

- Metric Measuring
- Inches and Conversion
- Perimeter and Area
- Elapsed Time

Ratios

- Proportional Relationships
- Representing Ratios