

## **Basic Math B Course Description**

### **Course Description**

This course covers topics including triangles, quadrilaterals, prisms, circles, US measurement, metric measurement, data and graphs, as well as a review unit and an introduction to pre-algebra.

### **Course Outline**

#### Unit 1 - Working with Decimals, Negatives, and Fractions:

- Numbers
- Operations
- Integers
- Decimals and Fractions

#### Unit 2 - Basic Shapes:

- Lines and Angles
- Triangles
- Quadrilaterals
- Other Polygons

#### Unit 3 - Circles, Graphs, Moving Shapes, and 3-D Objects:

- Circles
- 3-D Shapes
- Coordinate Graph and Symmetry
- Side Flip and Turn

#### Unit 4 - Measurements:

- Length
- Area
- Volume
- Weight

#### Unit 5 - Metric Measurements:

- Metric Length
- Metric Area
- Metric Volume
- Metric Weight

#### Unit 6 - Graphs and Probability:

- Measuring Data
- Graphs
- Other Graphs
- Probability

Unit 7 - Graphing Equations and Inequalities:

- Variables and Expressions
- Graphing One Step Equations
- Graphing One step Inequalities
- Patterns and Functions

**Course Prerequisite**

Before beginning this course, you should have taken the Orientation course. This course contains information that will help you understand how you should complete your regular courses.