

Brandywine Heights Area School District  
200 West Weis Street, Tipton, PA 19562

## **Course Syllabus for Sixth Grade Mathematics**

### **Overview:**

Students continue their study and mastery of the four operations (addition, subtraction, multiplication, and division), graphing, fractions, decimals, mental math and problem solving. Also, time will be spent examining ratio, proportion, probability and statistics, percents, integers, geometry and calculator use. Throughout the year, beginning algebra concepts are used to solve simple equations.

**Textbook:** Saxon Math Course 1: Harcourt Achieve Inc.  
Copyright 2007

### **Outline of Content:**

#### **First Quarter -**

- Number and operations
- Algebra
- Geometry
- Problem solving
- Fractions.

#### **Second Quarter -**

- Number and operations
- Measurement
- Geometry
- Decimals
- Percents
- Probability

#### **Third Quarter -**

- Number and operations
- Geometry
- Fractions
- Proportions

#### **Fourth Quarter -**

- Number and operations
- Geometry
- Integers
- Measurement