

BRANDYWINE HEIGHTS AREA SCHOOL DISTRICT
Middle School
200 West Weis Street
Topton, PA

Course Syllabus for Math - Grade 7

Overview: Students will review and develop skills that will help them to achieve an understanding of basic geometry and algebra concepts, while reviewing skills they already have to solve more complex problems. This will help to provide a smooth transition in mathematics from concrete to abstract experiences.

Textbook: *Mathematics/Applications and Concepts* – Glencoe 2004

OUTLINE OF CONTENT:

First Quarter

- Decimal Patterns and Algebra
- Statistics: Analyzing Data

Assessments: Tests, quizzes, projects, group and independent practice.

Second Quarter

- Algebra: Integers
- Algebra: Solving one and two step equations, writing linear equations of lines

Assessments: Tests, quizzes, projects, group and independent practice.

Third Quarter

- Fractions (will be reviewed throughout the year as well), Decimals and Percents
- Geometry: Measuring figures, finding area, perimeter and volume of one and two dimensional figures

Assessments: Tests, quizzes, projects, group and independent practice.

Fourth Quarter

- Continue Geometry Unit
- Ratios, Rates and Proportions

Assessments: Tests, quizzes, projects, group and independent practice.

Grading: Grades will be based on the school district grading policy.