

Syllabus Pre-Algebra

Overview: This Pre-Algebra course will provide students with the information and tools necessary to be active in their learning of the basics of algebra in order to prepare them for an algebra I course. Students will learn elementary algebraic skills, problem solving, and geometry concepts. Students will strive to develop an importance for algebra by studying its relation to real world applications.

Website: www.mymathuniverse.com

Students will also be using a digits workbook in conjunction with website.

Outline of Content:

First Quarter

- Ratios and Rates
- Proportional Relationships
- Percents
- Rational Numbers

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

Second Quarter

- Multiplying and Dividing Rational Numbers
- Decimals and Percent
- Equivalent Expressions
- Equations
- Inequalities

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

Third Quarter

- Angles
- Circles
- 2 and 3 dimensional shapes
- Surface Area and Volume

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

Fourth Quarter

- Sampling/Comparing 2 populations
- Probability Concepts
- Compound Events

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

Grading Structure/ Procedure/ Framework:

The letter grade is based on the school district's grading policy.