

Algebraic Concepts/Algebra IA: Course Syllabus

TEACHER
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I. **Course Description:** Algebra I provides students with the material outlined in the Maryland Core Learning Goals in Algebra I and Data Analysis. These goals include indicators that require experiences with problem solving and patterns, graphing linear equations, finding rates of change and solving equations and inequalities. The goal of the course is to prepare students to be successful on the Algebra/Data Analysis High School Assessment Exam which they will take at the end of their Algebra IB course next year.

II. **Course Content and Timeline** (subject to change):

1st Quarter

Tools of Algebra
Equation Solving

3rd Quarter

Solving Inequalities
Ratios and Proportions

2nd Quarter

Measures of Central Tendency
Data Displays
Inequalities

4th Quarter

Graphs and Functions
Linear Equations and their
graphs

III. **Materials:** Primary Textbook: Algebraic Concepts (Pearson Prentice Hall)
Book remains at home, workbook will go home nightly
Secondary Textbook: Algebra I (Pearson Prentice Hall)
Book will be used in class only
Notebook with dividers and loose leaf paper
Pencils
Scientific *or* Graphing Calculator (For use at home)

IV. **Grading Policy:** This course will be graded in accordance with the Eleanor Roosevelt High School Math Department Grading Policy.

80% - Tests, quizzes and projects

20% - Classwork and homework

Letter grades will be assigned as follows:

100 – 89.5 A

89.4 – 79.5 B

79.4 – 69.5 C

69.4 – 59.5 D

59.4 – 0 E

Tests will be given on Mondays and Wednesdays. Quizzes may be any day.