

SYLLABUS

ALGEBRA I

INSTRUCTIONAL GOALS

Algebra (from Arabic al-jabr meaning "reunion of broken parts" is the branch of mathematics concerning the study of the rules of operations and relations, and the constructions and concepts arising from them, including terms, polynomials, equations and algebraic structures. Together with geometry, analysis, topology, combinatorics, and number theory, algebra is one of the main branches of pure mathematics.

At the end of this course, you will...

- Understand Algebraic Foundations and Methods
- Know the difference between Functions and Relations
- Be able to solve Equations and Inequalities
- Distinguish between Linear, Quadratic, and Exponential Functions

NEEDS AND RESOURCES

Required Materials

To successfully complete this course, you will need...

- 1 ½ - 2 Binder
- Dividers
- Clear sheet covers for binder
- Pencils
- Pen

COURSE SCHEDULE

The course is scheduled to have daily assignments and homework. There will be tests after each section is taught with quizzes in between to be able to track progress (quizzes may be announced or unannounced); Along with the weekly tests and quizzes there will also be two semester exams.

POLICIES AND PROCEDURES

General Rules: See Attached

Grading Policies:

Tests: 60%

Homework/Quizzes: 40%

ADDITIONAL INFORMATION

Purpose: The purpose of a retesting policy is to ensure 70% mastery by all students.

Guidelines:

1. Retest on all major assignment/tests only. NO RETEST FOR PRE-AP.
2. Outside reading assignments will not be subject to retesting and/or extension of the due date.
3. The whole class will be retaught and retested when more than 50% of the students fail a particular major assignment. Students passing the initial test will have the option to keep original grade.
4. When the number of students not mastering material on a major assignment is less than 50% of the total number, the following retesting criteria will be used:
 - A. Students must attend two consecutive tutoring sessions before or after school.
 - B. The student must then make arrangements to take the retest, before or after school, no later than the end of the third day.
 - C. A grade of 70 or above on the retest will result in a grade of 70 being recorded, otherwise, the higher of the two failing grades will be recorded.

****Tutoring: I will be available for tutoring Tuesday and Thursday from 7:30-8:00 am**

Binder: Your binder will be held in class and will be updated daily for the purpose of organization. The binder will have a section for your notes, homework, and quizzes.

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____