

# Honors Algebra I Syllabus

Mrs. Zimmerman

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Welcome to math class! Algebra I is an extremely important course in that it builds the foundation for all higher-level math classes. During this year, all students will be assessed using the PSSA exams and the Keystone Exam for Algebra I (graduation requirement). Also, because this is an honors class, we will at times move at a faster pace and cover extra material than the regular Algebra class. To continue with the honors program next year, students must end the year with an 85% final average or higher.

## **Topic List:**

- Expressions, Equations, Functions, and Real Numbers (Chapters 1 & 2)
- Solving and Graphing Linear Equations and Functions (Chapters 3 & 4)
- Writing Linear Equations (Chapter 5)
- Solving and Graphing Linear Inequalities (Chapter 6)
- Systems of Equations and Inequalities (Chapter 7)
- Exponents (Chapter 8)
- Probability and Statistics (Chapter 13)
- Polynomials and Factoring (Chapter 9)
- Rational Expression and Equations (Chapter 12)
- Radicals (Chapter 11)

## **Supply List**

- 3 ring binder (1 or 1.5 inch)
- Lined paper for binder
- Pencils and erasers
- TI-84 Plus CE Graphing Calculator

## **Textbook:**

You will be required to cover your textbook AND bring it to class daily.

## **Grading Policy**

My grades are based on a point-system. Your grade will be made up of the following:

**Tests:** Tests will be given at the end of each unit.

**Quizzes:** Quizzes will be given often and will reflect a few topics from the material currently being taught.

**Homework:** Homework will be assigned frequently, so please be sure to complete your homework.

**Other Work:** Throughout the marking periods, you may be given a graded assignment which can include a project, a review packet, or a take-home quiz or test. These items will be given point values based on the amount of work required.

Your letter grade for the quarter is based on the following:

A = 90% - 100%

B = 80% - 89%

C = 70% - 79%

D = 60% - 69%

F = 0% - 59%

**Late Work Policy:** Students are expected to submit daily homework on the day and class period it is due. No credit will be given for late work. Longer-term homework assignments are to be submitted by the deadline date and period in order to receive full credit. Students will receive half-credit if the assignment is submitted one full day or less after the due date and period. After one full day, late assignments will not receive any credit.

### **Final Thoughts**

It is your responsibility to find out what you have missed if you are absent from school.

If you are absent on the day a graded assignment is due, you are expected to hand in/submit the assignment the day you return to class.

If you are absent on the day of a quiz or test, it will be your responsibility to schedule a time to make it up within one week of your return to school.

If you need extra help, make sure you ask and/or see me before a quiz or test.

If I cannot read your work, I cannot accept your work.

### **Tips for Success**

- Complete the homework and turn in by the due date/time
- Ask for help
- Study
- See me if you have any questions