

Honors Algebra Course Expectations

Teacher: Mrs. Reyes
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Classroom: 205
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Course Overview:

This course is the first year of a four-year college preparatory sequence in mathematics, with particular emphasis on applications of algebra to real-life situations. This course will be following the Algebra I Curriculum from the State of Connecticut's Common Core State Standards. Students will be actively involved in the learning process through a hands-on, investigation approach.

Standards for Mathematical Practice:

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- Model with mathematics.
- Use appropriate tools strategically.
- Attend to precision.
- Look for and make use of structure.
- Look for and express regularity in repeated reason.

Topics Covered:

- Arithmetic and Geometric Patterns
- Linear Equations and Inequalities
- Functions
- Linear Functions
- Scatter Plots and Trend Lines
- Systems of Equations
- Exponential Functions
- Quadratic Functions and Equations

Behavior:

- Be respectful, responsible, honest, and safe to self, others, and all property.
- Be on time and prepared for class.
- Be active and involved in learning.
- All school rules and policies apply.
- The use of technology (iPods, phones, laptops) is prohibited in this classroom unless directed by the instructor. All technology should be kept in lockers or backpacks. If used without permission, the technology will be confiscated and kept until the end of the period. Multiple offenses will result in teacher detentions and/or office blue slips.

Homework:

Homework may will be given to review a topic or practice and reinforce a skill from class. Homework will be graded differently depending on the assignment. Some assignments will be checked for completion and effort and others will be graded for accuracy. Students *must* show work on homework assignments when appropriate.

Binder:

Students are required to have a binder for this class with dividers for hand-outs, vocabulary, and quizzes/tests. Binders may be collected and graded at least once a quarter.

Make Up work:

Students are responsible for all material covered and assignments during an excused absence. Work should be completed and turned in the next day. In cases of lengthy excused absences, a make-up plan will be devised. Students are encouraged to see me for missed information and assignments.

Grading Policy: *Total Points System*

Tests:	100 points
Quizzes:	50 points
Homework:	4 - 30 points each assignment
In-class assignments:	5-20 points
Projects:	25-100 points
Warm-ups/Exit Slips:	5-20 points
Binder Checks:	15-25 points

Semester Grade: 40% of each quarter, 20% of semester exam

"You don't get what you want, you get what you earn."

Technology:

Graphing calculators (TI-83 and TI-84) are used to explore, discover and reinforce the concepts throughout the course. There are a classroom set of these graphing calculators for students to use.

Extra help:

Seek help immediately. I will be available for students whenever possible for extra help. Students need to make arrangements to see me for extra help in advance.

Final Assessment Policy:

For one credit or half-credit full year courses, *course assessments* (exams/activity) are given at the conclusion of each semester, a mid-term and a final. For half-credit courses, a *course assessment* (exam/activity) will be given at the end of the semester. All *course assessments*, except in selected classes, are one and one-half hours in length. All students must arrive on time and remain in class for the full duration of the period. Students taking the AP test will not be required to sit for a final exam.

Seniors are exempt from taking a *final course assessment*, in any course where the students have at least a 90 average. Physical Education classes will not be required to give an exam, but there will be a health exam which could be given earlier. Normally, no excuse for missing a *course assessment* other than illness will be accepted. The principal must give such permission.

Wheeler High School Academic Expectations:

- Literacy
- **Analysis (assessed in this course)**
- Collaboration
- Communication