

Algebra I Honors
Ms. Leonard
Course Expectations

Welcome to Algebra 1 Honors!

This course is designed for highly motivated students committed to challenging coursework. You will be expected to complete daily assignments (yes...even on the weekends), daily warm-ups, 1-2 quizzes a week, and 3 Unit Tests each quarter. You will also be required to maintain a notebook.

This is an Honors course and I have high expectations of students in this class. If a student is struggling with prerequisite skills, or falling behind on classroom material, it is his/her responsibility to see me after school to get additional help. **Do not wait until the week of a test to ask for extra help!**

Required Materials

Textbook- each student will be issued the textbook Algebra: An Integrated Approach. However, most assignments will be worksheets. Please keep the book at home in a safe place.

Binder- each student must have a 3-ring binder for math class. I don't recommend sharing this binder with another class because binders will be collected and graded 3 times each quarter. The binder should be divided as follows:

- Warm-ups
- Notes- notes may be kept in a spiral notebook but the notebook must be stored in the binder.
- Graded Quizzes and Tests
- Practice Exams
- Also, in the front of your binder, you should always have a copy of your "Unit Guide".

****Please make sure that there is always paper in your binder****

All of these things will be part of your grade during binder checks.

Pencil and Eraser- You must always have a pencil and an eraser. I don't care if your notes and warm-ups are in pen but **quizzes and tests must be in pencil**. I will deduct 5% from quizzes and tests completed in ink.

Scientific Calculator- A scientific calculator is a requirement in this class. I suggest keeping it in a binder pouch so you will have it when you need it. We will not be using them every day.

Graphing Calculator (optional)- Instead of a scientific calculator, you may use a graphing calculator. I **highly recommend** the use of a graphing calculator. It can be used all throughout high school, college, and on ACT, SAT, and some AP exams. If you buy a graphing calculator, please purchase a TI-83 or TI-84. The "top of the line" is the TI-84 Plus Silver Edition (this is the one I use and I recommend).

Grading Policy

Binder checks (10%) Binders will be collected 3 times a quarter. I will check for all required items (see binder info above).

Assignments (20%) Most assignments will be graded "on completion". This means that I will be checking that **all work is shown**. I usually give the answers to assignments in class so we can review difficult problems. Any student that turns in just answers will receive a 0.

Quizzes and Tests (70%) There will be 6-9 quizzes each quarter and 3 Unit Tests. Quizzes will be worth 20 points and Tests will be worth 100 points.

Semester Grade- Semester grades will be determined based on the following:

Quarter 1	45%
Quarter 2	45%
Semester Exam	10%

Students will be expected to use the ParentLink program to check grades and/or missing assignments. I will not tell students their grade during class time.

Assignments

Assignments will be assigned daily and checked daily. We will spend the beginning of each class period going over the problems that gave the class the most trouble. It is very important that you complete the assignments and ask many questions as it resembles the quizzes and tests you will be taking. **LATE homework will not be accepted**

- In the top right corner print legibly
Name
Date
Class Period
Assignment Information
- **You must show all required steps to get to your answer!**
- Homework will be assessed as follows:
 - 5 points- Complete and all work is shown.
 - 3 points- Mostly complete but some problems were skipped or a few problems did not show work.
 - 0 points- If a student only writes the problem and the answers, they will not receive credit. **All work must be shown to earn points.**
 - mi- If you see this mark in the gradebook it is because you did not do your assignment at all. It is scored as a "0" and can not be made up.
 - ab- If you see this mark in the gradebook it means you were absent either on the day the work was assigned or the day it was due.
- If you are absent the day homework is assigned, make up work will be due within **three days**. If you are absent the day homework is due, make up work will be due the day you return.

Tests and Quizzes

Test and quizzes will be administered to assess the students understanding of the material.

- Tests and quizzes must be taken in pencil or you will lose points (5% of your earned grade).
- If you are absent the day of a test and did not miss any review days, you will take the test **the day you return**.
 - If you were absent prior to test day you will have **three days** to complete the test. It will be your responsibility to make arrangements to come after school for review and/or the test.
 - There will be 2 or 3 quizzes in each chapter. **Quizzes can not be made-up**. If you miss a quiz, your score will be replaced with the average of your other quizzes from that chapter. Your lowest quiz score from each quarter will be dropped. However, if you miss 1 or more quizzes you will not be allowed to drop a low quiz score.

Classroom Expectations

All the Coronado High School and CCSD polices will be enforced in this classroom.

- Class begins when the bell rings! I expect everyone to be in their seats and ready to learn. Students outside the door when the bell starts ringing will be considered tardy and will be subject to Tardy Lockout Procedures.
- Raise your hand if you would like to ask a question.
- DO NOT TALK while I am talking or while other students are talking.
- Inappropriate language will not be tolerated.
- No food or beverages (EXCEPT WATER) are allowed in the classroom.

- Be respectful at the end of class DO NOT PACK UP!
- **Absolutely no iPods/mp3 players or cell phones. If I see you looking at your phone in your bag/purse, the phone will be confiscated and sent to the Dean's office. In addition earbuds may not be visible at anytime or they will be confiscated.**

Consequences

The following are the actions that will be taken in the event of inappropriate behavior

1. NON-VERBAL AND/OR VERBAL CUES TO THE STUDENT
2. TEACHER/STUDENT CONFERENCE
3. PARENT CONTACT
4. DETENTION TIME (30 MINUTES AFTER SCHOOL)
5. REFERRAL TO THE DEANS' OFFICE

IMPORTANT: In the event that the behavior is extremely disruptive or disrespectful the student will be sent immediately to the Deans' office.

Achieving success

To achieve success in this class you need to be in the classroom everyday and be attentive. It is important to keep up with the homework and study what you are learning. If you feel overwhelmed or lost, do not hesitate to ask for help. Don't wait until it is too late and don't be embarrassed to ask for help.

Now for the boring stuff

Course Scope:

This one-year course is designed for highly motivated students committed to challenging coursework. It is intended to increase mathematical fluency in problem solving, logic, reasoning, and effective communication in the study of patterns, functions, and algebra. This course builds on the concepts of rational and irrational numbers, data analysis, probability, geometry, measurement, spatial relationships, patterns, and algebraic concepts. Emphasis will be placed on abstract algebraic methods and strategies for solving complex problems. The use of technology, including calculators and computer software, is an integral part of this course. This course will fulfill the algebra requirement and one of the mathematics credits required for high school graduation.

Course Goals:

1. To understand the structure of the real number system and identify and apply its properties. [NS: 1.7.7, 1.8.3, 1.12.7, 1.12.8, 5.12.1, 5.12.5]
 2. To solve and graph linear equations and inequalities using a variety of strategies. [NS: 2.7.5, 2.8.5, 2.8.6, 2.8.4, 2.12.1, 2.12.4, 2.12.6, 5.12.6]
 3. To solve and graph systems of linear equations and inequalities using a variety of strategies. [NS: A, 2.12.5]
 4. To evaluate exponential expressions and graph exponential functions. [NS: 1.8.1, 1.12.6, 2.12.3]
 5. To solve and graph quadratic functions using a variety of strategies. [NS: 2.12.2, 2.12.4, 2.12.6]
 6. To classify, simplify, and factor polynomial expressions. [NS: 2.12.3]
 7. To simplify and perform operations using rational expressions and radicals. [NS: 1.12.6, 2.12.3, 4.12.7, 3.12.3, 3.12.5]
 8. To analyze, interpret, and model linear, quadratic, and exponential data in problem solving situations. [NS: 2.12.6, 5.12.1, 5.12.6]
 9. To determine the relationships between coordinate geometry and algebra to develop multiple approaches to problem solving. [NS: D]
 10. To develop the ability to reason and communicate mathematically in order to apply algebraic concepts to problem-solving situations. [NS: B, C]
 11. To formulate mathematical strategies, generalizations, and predictions through oral and written communication using appropriate mathematical language. [NS: A, B]
 12. To reinforce and extend logical reasoning ability using patterns and relationships to analyze mathematical situations. [NS: C, D]
 13. To apply prior knowledge and mathematical modeling to solve interdisciplinary problems. [NS: D]
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Student Initials Parent Initials I have read and understand the binder requirements. I will maintain a neat and orderly binder and will be prepared on scheduled "binder check" days.

----- I will come to class with my required materials daily.

----- I understand that it is my responsibility to seek help if I am struggling in class.

----- I will use a pencil on all quizzes and tests and understand that if I don't, my grade will be effected.

----- I have read the policies for absent work. I understand that it is my responsibility to submit all make-up work within 3 days of return.

----- I have read the policies for missing quizzes and tests. I understand that if I miss a Test I will make it up **the day I return** from an absence.

----- I have read Ms. Leonard's Classroom Expectations. I understand that my phone or iPod/MP3 will be taken away and turned into the dean's office even if I just look at it. (Saying that your Mom is texting you will **never** serve as a good excuse)

Student Signature

Parent Signature

Printed Student Name

Printed Parent Name

Parent Information:

Parent #1

Email address

Preferred contact number

Parent #2

Email address

Preferred contact number