

Algebra 1

Instructor Information:

Teacher	Room number	Email	Availability
Ms. Clark	121	Hannah.Clark@WashoeSchools.net	By appointment
Mr. Gorsuch	129	Scott.Gorsuch@washoeschools.net	By appointment
Mr. Havel	E272	SHavel@WashoeSchools.net	By appointment
Dr. Kell	128	Anna.Kell@WashoeSchools.net	By appointment
Ms. Kretsch	222	Katrina.Kretsch@WashoeSchools.net	By appointment
Mrs. Marshall	122	Katherine.Marshall@WashoeSchools.net	By appointment
Mrs. Sperske	E270	Anneliese.Sperske@washoeschools.net	By appointment

Course Description:

This is one-year course designed to teach the fundamentals of elementary algebra. This course lays the foundation of knowledge and skills needed in subsequent college preparatory mathematics courses. The major topics of study are; real numbers and the properties of real numbers; linear equations and the inequalities including systems; graphing; representing real world relationships; polynomials; factoring; square roots; quadratic equations; elements of probability and statistics; and problem solving. Throughout the year, students will be expected to develop the ability to reason and communicate mathematically, apply learned concepts to new problem-solving situations and exhibit increased confidence in their ability to solve mathematical problems.

Required texts, course materials:

Textbook: envision Algebra 1

Lab Fee: \$3 paid to the bookkeeper ([use online payment](#)).

Information/directions for accessing **digital** resources for our textbook can be found on our website.

Website: <https://www.washoeschools.net/Page/7913>

TEAMS: Classes will use TEAMS as a reminder and distance learning tool as required. Students will automatically be enrolled in their courses, even if they change periods or teachers.

Students will need to have an organization system, like a binder, and paper to do their homework assignments on as they will be assigned from the textbook.

Class expectations/procedures/structures:

- Be on time, seated, and read to work when the bell rings to start class.
- Bring all materials to class daily.
- Respect others and their property.
- Stay on task and participate fully.
- Students who complete all assignments for the semester will receive a 2% bonus for their semester grade after finals are taken and graded.
- Students with no late HW who have turned every assignment and paid their \$4 lab fee will receive a free pizza lunch each semester.
- All assignments should be completed in pencil; all corrections should be done in pen.
- Students are required to show work on all problems on their assessments, tests, quizzes, and all corrections must also have work shown.

- Students who complete all assignments for a unit are eligible to take one test redo per unit, as needed.
- Late assignments will be worth 50% of the earned score and must be turned in before the test in order to be graded.
- Phones are not to be out or used during class time unless the teacher has given specific permission.
- Absent students should visit the class website (www.washoeschools.net/DRHSmath) in order to write down the class notes before returning to class.
- Students who lose a worksheet/handout/notes packet should visit the class website in order to print off a new copy.

Student Learning Outcomes:

Standards to be learned:

- Use properties of rational and irrational numbers.
- Reason quantitatively and use units to solve problems.
- Create equations that describe numbers or relationships.
- Understand solving equations as a process of reasoning and explain the reasoning.
- Solve equations and inequalities in one variable.
- Interpret expression for functions in terms of the situation they model.
- Analyze functions using different representations.
- Interpret linear models.
- Understand the concept of a function and use function notation.
- Interpret functions that arise in applications in terms of the context.
- Interpret expression for functions in terms of the situation they model.
- Build new functions form existing functions.
- Summarize, represent and interpret data on two categorical and quantitative variables.
- Solve systems of equations.
- Represent and solve equations and inequalities graphically.
- Build new functions form existing functions.
- Build a function that models a relationship between two quantities.
- Construct and compare linear, quadratic, and exponential models and solve problems.
- Interpret the structure of expressions.
- Write expression in equivalent forms to solve problems.
- Extend the properties of exponents to rational exponents.
- Perform arithmetic operations on polynomials.
- Represent and solve equations graphically.
- Summarize, represent, and interpret data on a single count or measurement variable.

Course Requirements:

Type	%	Policy
Assignments	15%	Homework assignments will be graded on completeness, work shown, and evidence of corrections (corrections via online keys on website). Late Homework will be accepted for half of the earned value and <u>must be turned in</u> by the day of the test for that unit. Various other assignments will be done in class throughout the year.
Daily Quizzes	10%	Quizzes may be given daily.
Tests	55%	Tests will always be announced in advance and will be worth approximately 100 points each. There will be a test approximately every 2 or 3 weeks.
Participation	5%	Participation will be graded based on the classroom expectations. Students are expected to be taking notes on the material, interacting with their group, and contributing to the class discussions.
Final Exam	15%	A final exam will be given at the end of the semester. Students will receive a course blueprint prior to the exam.

Grading Criteria, Scale, and Standards:

DRHS/WCSD grading scale:

- A: 90% - 100%
- B: 80% - 89.9%
- C: 70% - 79.9%
- D: 60% - 69.9%
- F: <59.9%

Make-Up Work

- Make-up work is defined as scheduled tests, scheduled quizzes, homework assigned on the day the student was absent, and/or a description of the topic(s) covered in class while the student was absent and possible resources where the student can obtain information on the topic(s).
- It is the responsibility of the student to request make-up work after returning from an absence and return the completed work within the designated deadline. It is the student's responsibility to correct make-up homework and submit it to the teacher with a grade (keys will be provided in class).
- Students are provided the length of the absence plus one day to complete any make-up work assigned. For example, if the student was absent for four days he/she will have five days to complete and submit the make-up work.
- Students who do not request or return completed make-up not earn credit on missed assignments.
- Make-up work need not be identical or equivalent to that missed due to the absence but will ensure that the student has the opportunity to meet the academic standards.
- Previously assigned work that was due on the day the student was absent is NOT considered make-up work and is due the day the student returns to school.
- The teacher must provide make-up work to the student within 2 days of the student's request.

Late Work

Late work is due by the unit test at the end of each unit and will be half credit.

Course Calendar or Topics Outline:**Semester 1 Tentative Outline**

Chapter	Topics	Tests	Tentative Timeline
1	Equations and Inequalities	Ch 1 Test worth 100 points	Weeks 1-4
2	Linear Equations	Ch 2 Test worth 100 points	Weeks 5-7
3	Linear Functions	Ch 3 Test worth 100 points	Weeks 8-10
4	Systems of Linear Equations and Inequalities	Ch 4 Test worth 100 points	Weeks 10-13
5	Piecewise Functions	Ch 5 Test worth 100 points	Weeks 14-16

Semester 2 Tentative Outline

Chapter	Topics	Tests	Tentative Timeline
6	Exponents and Exponential Functions	Ch 6 Test worth 100 points	Weeks 1-3
7	Polynomials and Factoring	Ch 7 Test worth 100 points	Weeks 4-6
8	Quadratic Functions	Ch 8 Test worth 100 points	Weeks 7-10
9	Solving Quadratic Equations	Ch 9 Test worth 100 points	Weeks 11-14
10	Statistics	Ch 10 Test worth 100 points	Weeks 15-17

Damonte Ranch High School/WCSD Policies**Academic Integrity:**

Cheating means gaining unfair advantage by using unauthorized information.

Cheating is further defined by but not limited to:

- **COPYING** someone else's homework, classwork, or test answers
- **ALLOWING** someone else to copy your work or test answers
- **USING** any kind of unauthorized device, study aid, or cheat sheet
- **POSSESSING** or **VIEWING** a copy of an exam beforehand
- **SHARING** test information with students who have not yet taken the test or course
 - o This includes taking answers/questions from a test out of the classroom without the permission of the teacher.
- **CHANGING** your answers or someone else's when correcting in class
- **MISREPRESENTING** work done by others as your own work.

Plagiarism is presenting the words or ideas of another person as one's own without citing sources.

- **YOU ARE PLAGIARIZING** when you copy a phrase, a paragraph, a page or an entire paper.
- **YOU ARE PLAGIARIZING** when you copy from a published source, i.e. Internet or print.
- **YOU ARE PLAGIARIZING** when you copy from someone else's work.

Minimum consequences for cheating are as follows:

- **REFERRAL** to Student Services
- **PARENT CONTACT** by the teacher
- **LUNCH DETENTION** with Student Services
- **NOTATION** made in school discipline record

Additional consequences may include, but are not limited to, the following:

- Student will receive a **ZERO** on the test or homework assignment
- Student will receive an **"F"** in citizenship for the quarter and depending on the severity of the infraction may receive an **"F"** in citizenship for the semester
- Alternative assignment, to be determined by the teacher
- **Be Responsible. Make Wise Choices.** If you are unsure, ask your teacher for guidance.

Attendance Policy 2021-22

- THE ONLY STUDENTS TEMPORARY DISTANCE LEARNING WILL BE STUDENTS EXCLUDED FROM IN PERSON INSTRUCTION DUE TO COVID.
- **TEACHER** WILL POST DAILY ASSIGNMENTS AND INSTRUCTIONAL MATERIALS ON TEAMS.
- **STUDENT** WILL ACCESS ASSIGNMENTS AND INSTRUCTIONAL MATERIALS THROUGH TEAMS.
- **STUDENT** PARTICIPATES IN TDL BY MESSAGING HIS OR HER TEACHER THROUGH TEAMS DURING THE CLASS PERIOD.
- IF A STUDENT DOES NOT MESSAGE HIS OR HER TEACHER DURING THE CLASS PERIOD, HE OR SHE WILL BE **CONSIDERED ABSENT** AND THE TEACHER WILL MARK **HDE** IN THE COMMENTS SECTION OF THE ATTENDANCE LIST TO MARK THE STUDENT ABSENT.

In lieu of signature: After you have read and understand these policies, please go to the form that your teacher has set up to acknowledge your understanding of these policies and procedures.