

# Novato High School

## ALGEBRA 1 SYLLABUS 2023-24

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The Common Core State Standards for Mathematical Practice are deeply interwoven into the fabric of the daily lessons. Students will use problem solving strategies, question, investigate, analyze critically, gather and construct evidence, and communicate rigorous arguments to justify their thinking. For access to the full text of the standards, go to <https://www.cde.ca.gov/re/cc/>.

The curriculum is based on the Common Core Standards for California. For access to the full text of the standards, go to <https://www.cde.ca.gov/re/cc/>.

### Course Topics

- |                                      |                                       |
|--------------------------------------|---------------------------------------|
| • Functions and Relations            | - Systems of Equations & Inequalities |
| • Solving Equations and Inequalities | - Exponents and Exponentials          |
| • Linear Functions & Equations       | - Distributing and Factoring          |
| • Linear Inequalities                | - Quadratics                          |

### Supplies Used In This Course:

- Three ring binder with loose leaf and graph paper
- Calculators used at school
- Pencils and erasers
- Chrome book

### Grading Policy:

Class practice and home practice: 10%

Quizzes/Projects: 15%

Unit Assessments: 75%

### Home Practice and Class Practice

Practice problems will be given every class and reviewed at the following class. It is very important that the student is practicing the skills students learned in class. In this course, students will complete class problems and activities individually and within a study team. Students will explain their ideas, listen to what others have to say, and ask questions if there is something they do not understand. In this course, a single problem can often be solved several different ways. Students will see problems in different ways than their teammates see them. Each student has something unique to contribute to the study team and together they will work on the completing the activities.

Assignments are given credit based on a variety of aspects: completeness of assignment, showing of work, depth of mathematical explanation, self-correcting and accuracy.

Assignments will receive reduced credit if completed and turned in after they are due. Missing assignments are **not** acceptable after the unit assessment. In the event the student is absent, they have the responsibility of reviewing the assignment calendar posted and completing the assignment/notes upon their return. For an excused absence, the student will be given one class day for each absent day. Extensions will be considered upon request, if the request is made prior to the due date

## Skill quizzes:

Quizzes provide students with feedback on their progress toward Learning Goal mastery. Make up quizzes are available for excused absences. Make up quizzes are not available for completion after the Unit assessment has been given

## Unit Assessments

The assessments allow for students to demonstrate their ability to solve mathematical problems, the level of skill mastery, and the conceptual understanding of topics or ideas. Students are assessed on their proficiency of the Learning Goals with a scale of 0 to 4. The scale and course grade conversion is as follows:

Levels of Understanding RUBRIC			Course Grade		
Level 4	Exceeding the Target	The student has advanced understanding and exceeds the learning goal expectations and demonstrates knowledge that is beyond what was expected or explicitly taught.	A+	3.75	4.00
			A	3.26	3.74
			A-	3.00	3.25
Level 3	Target	The student has proficient understanding of the learning goal.	B+	2.84	2.99
			B	2.67	2.83
			B-	2.50	2.66
Level 2	Approaching the Target	The student has partial understanding of the learning goal.	C+	2.34	2.49
			C	2.17	2.33
			C-	2.00	2.16
Level 1	Beginning the Target	The student has minimal understanding of the learning goal.	D+	1.76	1.99
			D	1.26	1.75
			D-	1.00	1.25
Level 0		No understanding demonstrated.	F	0.00	0.99

For an excused absence on the day of the test, a make-up assessment will be given. If a student is absent from the class day before the test, the student will still be expected to take the test on its scheduled day. There are opportunities provided to re-assess. A replacement test is scheduled with the teacher during access time.

### ***Keys to Success/Classroom Management***

Attend class regularly and be on time.

Bring your binder, pencil, and eraser to class every day.

Copy notes/practice problems in binder when instructed and do all assigned work. Keep your work chronologically organized.

Seek extra help when you need it. Use the website for additional practice/study resources. Use office hours to clarify, ask questions, and as a study room.

Listen and ask questions appropriately during class time. Follow all instructions.

Stay on task and avoid any distracting or disruptive behavior. Show respect for everyone and everything in the classroom.

Appropriate language must be used at all times.

***Behavior:*** Behavior standards are consistent with school policy. Students are expected to follow class and school rules at all times. Any violation of the rules will result in disciplinary action in accordance with Novato High School policies. Students are not to have food or gum in class. Cell phones, laptops (unless being used at the teacher's direction) or any other electronics need to be off, and earbuds removed. Cell phones will be placed in an assigned storage location during class unless otherwise instructed.

***Assignment Format/Organization:*** Assignments need to include the student's first and last name, assignment's date, the class period, and assigned problems. All assigned problems need to include all the steps to completing the problem along with any written responses required in order to receive credit. Assignments need to be kept in date order in the student's binder. The assignments are listed on the webpage assignment calendar. A PDF of the assignment's work is uploaded to google classroom.

***Binder:*** Notes and class assignments are to be kept in the binder in date order. The note/class work binder may be periodically checked for completeness and credit.

***Tardies:*** Students are considered tardy if they are not sitting in their seat at the designated start time of class. Students that enter late to class are disruptive to the learning environment. Students who are late must sign in on the class log. They should take their seat quickly and quietly. Excessive tardies are addressed according to school policy.