

Algebra Syllabus

Horace Mann UCLA Community School

Contact Information

Ms. T

Room C242

Email: t.wardpratt@lausd.net

Tutoring: Tuesdays 3:30-4:30pm

Classroom Expectations

1. Keep Phones out of Sight
2. One Mic
3. Work Hard
4. Stay seated during class time
5. Respect your classmates

Materials

Three #2
Pencils

Notebook

Assessment Rubric

- 4 Mastered
- 3 Mostly Understood
- 2 Some Understanding
- 1 Not Yet
- 0 Incomplete

Details on
the Back

All work will be graded out of 4.

Consequences

1. Warning
2. Detention (Call home no show)
3. Call Home (Home Visit no response after 3 tries)
4. Parent Conference
5. Deans Office

Grading Scale

- A: Mostly 4s (No 2s, 1s, or 0s)
- B: Mostly 3s or 4's, (No 1s or 0s)
- C: Mostly 2s and 3s (No 0s)
- D: Mostly 1s and 2s
- F: Only 1s and 0s

Details on
the Back

Work Habits

- E: Participates & completes all assignments on time
- S: Mostly participates & completes assignments on time
- U: No Participation, completes few assignments, and/or has 5 or more unexcused tardies/absences

Learning Goals (LGs)

Semester #1:

- LG#1: Functions
- LG#2: Linear Relationships
- LG#3: Polynomials
- LG#4: Systems of Equations
- LG#5: Sequences

Details on
next Page

Semester #2

- LG#6: Modeling Two Variable Data
- LG#7: Exponential Functions
- LG#8: Quadratic Functions
- LG#9: Inequalities
- LG#10: Geometry (8th)

Math @ HOME

- Due every Thursday/Friday.
- Stamped at the beginning of class each Thursday/Friday.
- Must be taped in your notebook Thursday/Friday at the beginning of class.

Community Circles will occur at least once every month.

Mastery Learning & Grading

- Students' final grade will reflect their *final achievement*, not their average achievement.
- Student's will have multiple opportunities to reach Mastery on all Learning Goals.

4 Core Competencies

- Self-directed, passionate learner;
- Master of content knowledge and skills;
- Globally and culturally competent;
- Active and critical participant in society.

I agree to the above class guidelines.

Parent/Caregiver/Guardian Name

Parent/Caregiver/Guardian Signature

Parent/Caregiver/Guardian Phone

Child Name

Detailed Rubric

This rubric is how your assessments will be scored. Your highest assessment score will determine your Learning Goal (LG) score. Note: you can retake any assessment that you scored less than a 4 on during assessment days or during tutoring only.

4- Mastered	3- Mostly Understand	2- Some Understanding	1- Not Yet	0- Incomplete
<ul style="list-style-type: none"> Complete and Detailed Can Apply to new problems 	<ul style="list-style-type: none"> Strong Understanding of Key Idea Minor Mistakes 	<ul style="list-style-type: none"> Some Understanding of Key Idea Multiple Mistakes 	<ul style="list-style-type: none"> Little/Unclear understanding of Key Idea Multiple Major Mistakes 	<ul style="list-style-type: none"> Task Not Complete Task Not Submitted

Detailed Grade Breakdown

Your grade will be determined based on your scores for each Learning Goal (LG).

A	B	C	D	F
<ul style="list-style-type: none"> Must Score a 4 on half of the LGs No 2s, 1s, or 0s 	<ul style="list-style-type: none"> Must Score a 3 or 4 on half of the LGs No 1s or 0s 	<ul style="list-style-type: none"> Must score a 2 or 3 on half of the LGs No 0s 	<ul style="list-style-type: none"> A score of a 1 or 2 on half of the LGs 	<ul style="list-style-type: none"> A score of a 0 or 1 on half of the LGs

How is my Grade Calculated?

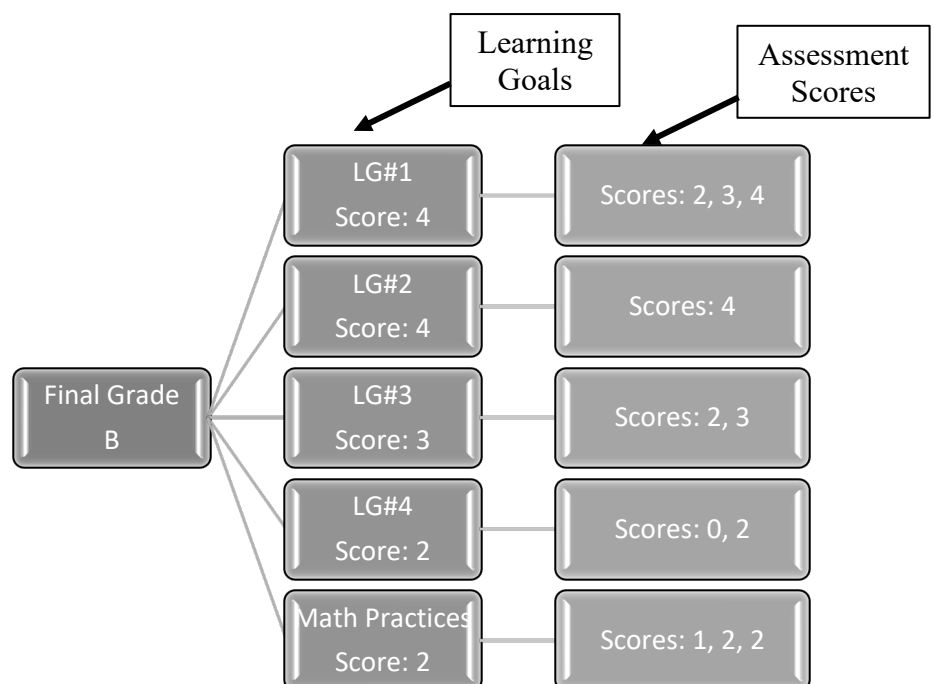


Diagram Explained: The above example shows a student that received a B as their final grade. The multiple assessment scores represent how many times they retake the assessment to receive a higher score. Their Learning Goal score represents their highest assessment score.

What am I learning this year?

Semester #1: You will be assessed on the following Learning Goals (LGs) during semester #1.

#1 Functions	#2 Linear Relationships	#3 Polynomials	#4 Systems of Equations	#5 Sequences	Notebook Check
I will explore the shapes and behaviors of many different nonlinear functions and learn how to describe a function completely.	I will look for connections between the multiple representations of linear functions: table, graph, equation, and situation.	I will multiply expressions and solve equations that have products.	I will learn how to solve system of equations using word problems, tables, graphs, and by manipulating the equations.	I will look for patterns, make tables, and write equations to describe sequences.	I will make sense and persevere through problems. I will use precision and reason abstractly. I will model with mathematics.

Semester #2: You will be assessed on the following Learning Goals (LGs) during semester #2.

#6 Modeling Two Variable Data	#7 Exponential Functions	#8 Quadratic Functions	#9 Inequalities	#10 Geometry	Notebook Check
I will describe a dependent relationship, use scatterplots of data to create lines and curves that model the data, make predictions about data, and describe the form, direction, strength, and outliers of an association.	I will solve for a specific variable, simplify or rewrite exponential expressions, work with fractional exponents, and find the exponential function that passes exactly through any pair of given points.	I will find connections between the different representations of a quadratic function and learn how to rewrite quadratic equations in several forms.	I will develop ways to represent solutions to inequalities both algebraically and graphically. I will learn how to write inequalities that describe situations	I will find the cube root of a number. I will find the surface area and volume of various 3 dimensional shapes. I will find the side length of a right triangle using the Pythagorean Theorem.	I will make sense and persevere through problems. I will use precision and reason abstractly. I will model with mathematics.

School-Wide WASC Improvement Goals;

- Support the experiential “Learn-See-Do” model to create innovative project-based learning opportunities for students that is culturally responsive, supports social-emotional development, is inquiry-based, is relevant and provides opportunities for application in the real world
- Create year-long vertical plans for all content areas and grade levels
- Decrease D’s and Fails school-wide

Major Projects/Culminating Project

9th Grade Algebra Culminating Project: Youth Participatory Action Research (YPAR) Project

8th Grade Algebra Culminating Project: Math Textbook

Late-work/Make-up Policies

Homework: Assigned every Monday and due every Thursday/Friday. At the beginning of class each Friday, homework needs to be taped in your Math Notebook and stamped by Ms. T for full credit. Late homework will not be stamped without a parent note.

Assessments: Students will complete practice assessments every week. These assessments are not graded, but will have feedback for the student to review. These will help students understand if they are prepared for the chapter assessment. There will be a chapter assessment every marking period (5 weeks). Students can retake a chapter assessment during the next in-class assessment time or during tutoring.

Notebook Checks: Students will have notebook checks every marking period. Notebook check grades are based on stamps received from completed classwork, Monday notes, and homework.

(Extra time will be granted to students who have appropriate documentation or a valid parent note.)

Proposed Mann Field Trip Policy

Students will forfeit their opportunity to participate in school field trips for the following reasons, but not limited to: safety concerns, bullying, theft, self-injurious behavior, physical harm to others, possession/use of drugs or paraphernalia and other suspension qualifying acts.

If they have four office disciplinary actions before a field trip, grade level teacher teams will make the determination for a student to participate in a field trip. The team may allow a student with referrals to participate in a field trip if accompanied by a parent and/or guardian, of at least age 21, as noted by the school discipline and district guidelines. A student who opts out of a class or school fieldtrip, will be expected to complete a relevant assignment that parallels the fieldtrip assignment.