

Algebra 1

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TEACHER SCHEDULE

Block	Regular	A	B	Extended Advisory
1	8:25-9:55	EL Biology II	Teacher Meetings	8:25-9:45
ADV	10:00-10:20	HS 101		9:50-10:50
2.3	10:25-11:55	Algebra I		10:55-12:15
3	12:30-2:00	PLC	EL Physical Science	12:50-2:10
4	2:05-3:35	PREP	EL Physical Science	2:15-3:35

213J

Location
Varies

COURSE DESCRIPTION

Algebra I is a class that will lay the foundation for the rest of your high school mathematics classes. It will teach you problem solving, critical thinking, and analytical skills which will be beneficial in the future. This class will also assist you with graphical and statistical reasoning.

Due to recent district updates in standards, a list of units will not be available until the next school year. However, this table describes the scope, sequence, and supporting standards used to guide the progression of our Algebra 1 course:

	Expressions & One-Variable Equations	Two-Variable Equations	Functions	Data Analysis
1	Expressions & One-Variable Linear Equations & Inequalities 9-10.AR.2, 9-10.AR.3, 9-10.AR.5, 9-10.AR.6	Linear Equations & Inequalities 9-10.AR.4	Basics of Functions and Linear Functions 9-10.AR.F.2, 9-10.AR.F.3, 9-10.AR.F.4, 9-10.AR.F.5, 9-10.AR.F.8	Data Distributions & Linear Modeling 9-10.DPS.2 9-10.DPS.3 9-10.DPS.10
2	Absolute Value Equations & Inequalities 9-10.AR.9	Systems of Equations & Inequalities 9-10.AR.7 9-10.AR.8 9-10.AR.9 9-10.AR.F.12	Exponential Functions Exponential Modeling 9-10.AR.4 9-10.AR.F.3 9-10.AR.F.6 9-10.AR.F.7 9-10.AR.F.8	
3	Quadratic Expressions & Equations 9-10.AR.10 9-10.AR.11		Quadratic Functions 9-10.AR.F.3 9-10.AR.F.6 9-10.AR.F.7 9-10.AR.F.8 9-10.AR.F.9	
4	Rational Exponents & Radicals 9-10.NO.1 9-10.NO.2		Functions & Inverse Functions 9-10.AR.F.3 9-10.AR.F.4 9-10.AR.F.5 9-10.AR.F.10 9-10.AR.F.12	Data Distributions Univariate 9-10.DPS.2 9-10.DPS.10

Supporting Standards 9-10.NO.3, 9-10.NO.4, 9-10.NO.5, 9-10.AR.1, 9-10.AR.5, 9-10.AR.F.1, 9-10.AR.F.2, 9-10.AR.F.11, 9-10.DPS.2, 9-10.DPS.4

Semester Grades and Graduation Credit

Algebra 1 is a yearlong course consisting of two semesters; passing each semester is required for graduation. Receiving an F in either semester of Algebra 1 will result in you retaking the failed semester the following year. Semester grades will determine if you earn credit for graduation

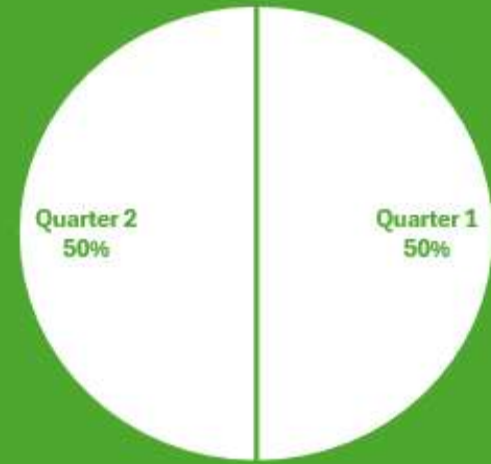
Weighted Grades and Quarters

Quarter grades are weighted. 30% of your grade is collected from formative assessments: tools and methods used by educators to evaluate learners' understanding and progress throughout the learning process. They will occur throughout the class in the form of starters, practice, Kahoot!, IXL, assignments, etcetera. By utilizing time management, you should bring minimal work outside of class. Formative assessments allow the educator to determine if and when additional practice is needed.

When a learner has provided sufficient evidence that they have mastered the learning target(s) or standard, summative assessments (70%) will be used to obtain a comprehensive understanding of a learner's proficiency over the course of a learning target as well as the entire unit. Summative assessments will be given at the teacher's discretion and only after sufficient evidence of proficiency has been obtained. This allows the educator and learner to obtain the most reliable and valid summative assessment score.

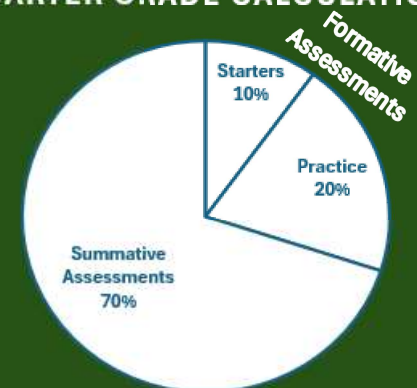
Many different formative and summative assessments will be used in this class and have different weights in the gradebook, see the next table for ways you can expect to demonstrate understanding in this course. Assignments will be typically be graded within 24 working hours (1 business day) from submission. At a minimum, grades will be updated 1x per week. If you notice errors in your grades, contact your teacher.

SEMESTER GRADE CALCULATION



Letter Grade	Percent Range (%)
A	90-100
B	80-89
C	70-79
D	60-69
F (Loss of Credit)	<60

QUARTER GRADE CALCULATION



	Category	Time	Access	Content	Available Resources	Purpose	Chances
Formative Assessments	Starters	Timed	On/before beginning bell of class.	Material from the most recent lesson, topics from any previous lessons in this school year, or predictions	Previous Notes, Internet, Teacher No help from other learners	Provide educators with data on learners' understanding of the previous lesson to guide next steps	No Retakes
	Kahoot!	Timed	Following lesson In class only	Gamified learning. Used as a predictor to determine if additional practice is needed. Can take the place of some/all daily homework assignments if proficiency has been reached	Previous Notes, Internet, Teacher No help from other learners	Provide a fun alternative to practice which provides instant feedback on learners' understanding of today's lesson	No Retakes
	Schoollog y Workshe	No time limit	Open after daily lesson(s) Must be completed by end of unit	Material from today's (and previous) lessons	Previous Notes, Internet, Teacher Help from other learners only with permission	Offers learners structured, step-by-step approaches to break down assignments into manageable parts and provide immediate feedback.	Retake until demonstrating proficiency
Summative Assessments	Unit test	Timed (90 minutes)	Opens in class, password protected	Multiple Learning Targets and or Standards	Teacher Only	Learners demonstrate understanding from an entire unit	No retakes
	Quarter Final	Timed (90 minutes)	Opens in class, password protected	Multiple Units	Calculator, teacher, translation	Learners demonstrate understanding from an entire quarter	No retakes