

# Algebra 1 Course Syllabus 2021-2022



**Instructor:** Kelli Rutz  
**Email:** KRutz@cpsk12.org

**Instructor:** Kim Donnell  
**Email:** KDonnell@cpsk12.org  
**Plan time:** 2A and 3B

**Tutoring/Office Hours:** Freshman will have advisory time built into their schedule where a math teacher will come to them when they need additional math support. If you are in another grade then you will have access to these math supports during your study hall. If you don't have a study hall, I strongly encourage you to try to put one into your schedule. Mrs. Rutz will be available in her classroom before school on B days from 8:15 - 8:45.

## Course Description

The content of Algebra 1 is organized into 10 units of study. Within each unit of study, students will explore conceptual understanding of concepts to gain fluency with skills and apply this learning to real world scenarios.

Unit 0: Simplifying Expressions

Unit 1: Solving Equations & Inequalities

Unit 2: Linear Functions

Unit 3: Linear Equations

Unit 4: Polynomials & Factoring

Unit 5: Graphing Quadratics

Unit 6: Solving Quadratics

Unit 7: Exponential Functions

Unit 8: Systems of Equations

Unit 9: Statistics

Daily lessons and assignments will be available on Schoology.

## Required Materials (Bring to EVERY class)

- 3 ring binder
- Notebook OR loose leaf paper to put in binder
- Pencil (we all make mistakes → it's not a big deal... pencil and eraser is best)

## Technology

Your Dell Laptops will be used in class every day. Please make sure you bring it to class charged and ready to go. All course materials will be posted on your class's Schoology page.

We will have calculators in class, there is no need to purchase a personal calculator unless you choose to. You can also access calculators on your laptop (desmos scientific calculator is a good one).

## Expectations

Students will **PERSIST** in the face of difficulty.

Students will **RESPECT** the space and all things in it, other students, and staff members.

Students will **WANT TO LEARN** the content in Algebra 1.

## Learning Expectations

- *Have excellent attendance.*
- *Participate in class activities.*
- *Complete all homework.*
- *Keep an organized notebook.*
- *Take ownership of your education.*

## Grading and Assessment:

The following weighting will be used to calculate your grades:

- 10%--Formative Assessment: Homework, Class activities, Progress Checks, Lesson Quizzes, etc
- 90% -- Summative Assessment: Topic assessments & Semester Final

Assessments can be retaken when Homework is completed with 75% accuracy, Lesson Quizzes are completed with 75% accuracy, and the Topic Review is completed with integrity; or as determined by your teacher. Please reach out to your teacher if you would like to retake an assessment.

### Alpha Marks in Home Access.

Teachers use alpha codes to report absences, homework not turned in, scores pending, etc. The following table describes the possible codes you could see in Home Access.

Important notes:

- Ab, NHI, IC will calculate to a 50% in the grade. These codes will only be used for formative assessments only.
- When a student misses taking a summative assessment, a code of "IE" will be used. This stands for Insufficient Evidence and will calculate a 0 in the grade.

Alpha Marks				
Student activities or assignments may be graded using an alpha mark or gradebook code. Alpha Marks are displayed in the gradebook to provide more information. Some alpha marks impact the student's overall calculated grade.				
Approved Alpha Marks	Definition	Assigned Calculation Values	Allowable Uses	Notes
N Y	No Yes	No calculation into the grade	Student did or did not participate/complete a class activity or assignment	
AB	Absent	50% calculation	Student was absent from the learning opportunity and is expected to complete the assignment	It is important to note, use of AB could result in an Insufficient Evidence (IE) being issued for the course
EXC	Excused	No calculation into the grade	Student may or may not have had the opportunity to complete the assignment but the teacher has deemed it not necessary or essential for that student	
GP	Grade Pending	No calculation into the grade	Student's grade is pending evaluation. The student has submitted evidence for grading.	It is important to note, use of GP could result in an Insufficient Evidence (IE) being issued for the course
IC	Incomplete	50% calculation	Student evidence of learning is incomplete at this time. Students are expected to complete missing assignment(s).	It is important to note, use of IC could result in an Insufficient Evidence (IE) being issued for the course
NHI	Not Handed In	50% calculation	Students have had the opportunity to complete the assignment and haven't completed it.	It is important to note, use of NHI could result in an Insufficient Evidence (IE) being issued for the course