



Chandler Unified School District

MAT105A Honors Algebra 1
SY 2023-24



Course Overview

Course Description

This course is the first year of a high school-level standards-based mathematics curriculum. Students will employ real-life concepts, problems, and applications by integrating algebra, probability, geometry, discrete math, mathematical structure, and logic. Number sense topics include classifying and comparing sets. Data analysis focuses on organizing data into charts and evaluating conclusions drawn from that data. Algebra topics, including linear equations, inequalities, exponents, and expressions, are taught using algebraic methods. Students will interpret 3-dimensional objects using geometric properties, methods, theorems, and additional topics of geometry relationships. Students can develop and analyze algorithms and gain an understanding of the logic of algebraic procedures using discrete mathematics and mathematical structure.

AP/IB/Dual Enrollment

No

Prerequisite/Fee(s)

Pre-Algebra

Course Materials

Highly Recommended TI-84 Graphing Calculator

Adopted Resource(s)

Big Ideas, Larson & Boswell (Cengage) & AGA, Kanold, Burger, Dixon, Larson, & Leinwand (HMH)

**An asterisk will indicate a resource containing sexually explicit materials per legislative definitions. CUSD has determined that all resources listed above are of exceptional educational value.*

Site and Faculty Information

School name and address:

Payne Junior High School, 7655 S Higley Rd, Queen Creek, AZ 85142

Building principal:

Lisa Palella
palella.lisa@cusd80.com

Teacher:

Mary K Brenn Masters of Education Leadership
brenn.mary@cusd80.com

Office hours: By appointment & HW Hub available M-TH 4-5

Course Access

This course is taught in-person at Payne Junior High School. Students will have access to the curriculum and instruction in the classroom. Google Classroom is the primary location for students to access material when absent from classes taught in person.

Help

Academic Support

- Contact the teacher to schedule an appointment during office hours
- [Ed Tech](https://cusd80.com/Page/45109) support for students, parents/guardians, and community link (cusd80.com/Page/45109)

Mental Health Support

- CUSD mental health support cusd80.com/Domain/10528 or 480-573-8808 (talk or text)
- Suicide & Crisis Lifeline: 9-8-8 hotline
- 24-hour Crisis Line Talk: 602-222-9444, Text: 741-741

Student Conduct, Success, and Responsibilities

Student Handbook

Students must follow the policies and procedures established in the Student Handbook. Copies of the handbook can be found at cusd80.com/handbooks. Printed copies will be provided upon request.

Student Responsibilities

Abide by Honors Contract

Attendance Policy:

-I will follow the official school policy on absences.

-If you are absent for a review or test day, it is your responsibility to make up review next day and the test within 3 days.

-For every one (1) day you are absent you are allowed two (2) days to make up the work.

Grading Policy:

-Tests are 50% , Quizzes are 30%, Independent Practice 20%

-If a student completed all their homework, but score less than a 70%, they can redo for better grade.

-The grading scale is 50/30/20, and grades are updated weekly in infinite campus.

-Finals are worth 10% of semester grade.

There are no retakes on exams, so ask all questions when reviewing for a test and doing work.

Class structure:

-Each day I will provide a lesson, and students are expected to take notes in a spiral notebook and ask questions.

-Check my Payne Website and classroom whiteboard for a calendar of dates and assignments.

-Please make sure to ask questions and pay attention in class.

-Quizzes come directly off homework.

Late work

The purpose of independent practice is to prepare my students for quizzes and tests, so it is important that all work is completed on time. If an assignment is not turned in on the due date then there is a 20% deduction. Students are able to turn in the homework for credit, but needs to be before the test.

Assessments and Assignments

Students will complete assessments during each unit of study to assess their understanding. Students will complete the CUSD Common Final at the end of the first and second semesters. The Common Final will count for 20% of the student's final semester grade in grades 9-12 and 10% in grades 7-8 (some exceptions may apply at the Junior High level). Common finals will be in ELA, Math, Science, Social Science, and World Language.

Final exams will be given during the CUSD Jr High/High School Early Dismissal days in December and May, as identified on the [District Calendar](#).

If students are requested to participate in a survey, the survey questions will be provided to parents/guardians seven days before student contact.

Grading

Grade Percentage

A	B	C	D	F
90% - 100%	80% - 89%	70% - 79%	60% - 69%	<60%

Quarter grades

Grading Percent

- A 90%-100%
- B 80%-89%
- C 70%-79%
- D 60%-69%
- F < 59%

Semester grades

Semester grades are calculated using 45/45/10: Each quarter accounts for 45% of the semester grade and the final exam accounts for the remaining 10%.

Units of study

Units for MAT105A Honors Algebra 1

- Solving Linear Equations
- Solving Linear Inequalities
- Graphing Linear Functions
- Solving Systems of Linear Functions
- Exponential Functions and Sequences
- Polynomial Equations and Factoring
- Graphing Quadratic Functions
- Solving Quadratic Functions/Equations
- Radical Functions and Equations
- Data Analysis and Displays

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Building Principal: Lisa Palella, palella.lisa@cusd80.com
Teacher: Mary K Brenn, brenn.mary@cusd80.com

Parent/Guardian

Acknowledgment

Parents/Guardians should indicate if they "Acknowledge" or have a "Potential Conflict" with their student's participation in the following units by checking the appropriate box for each unit of study listed. Students cannot opt out of a standards-based unit. Marking "Potential Conflict" will prompt the teacher to make contact regarding assignment alternatives.

Unit of study	Acknowledge	Potential Conflict
Solving Linear Equations	<input type="checkbox"/>	<input type="checkbox"/>
Solving Linear Inequalities	<input type="checkbox"/>	<input type="checkbox"/>
Graphing Linear Functions	<input type="checkbox"/>	<input type="checkbox"/>
Solving Systems of Linear Functions	<input type="checkbox"/>	<input type="checkbox"/>
Exponential Functions and Sequences	<input type="checkbox"/>	<input type="checkbox"/>
Polynomial Equations and Factoring	<input type="checkbox"/>	<input type="checkbox"/>
Graphing Quadratic Functions	<input type="checkbox"/>	<input type="checkbox"/>
Solving Quadratic Functions/Equations	<input type="checkbox"/>	<input type="checkbox"/>
Radical Functions and Equations	<input type="checkbox"/>	<input type="checkbox"/>
Data Analysis and Displays	<input type="checkbox"/>	<input type="checkbox"/>

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By signing and returning this form, the parent/guardian acknowledges they have reviewed the resources and units of the study included in the syllabus.

- As the parent/guardian, I understand that I may contact the teacher if I have questions about the resources, content, or units of study.
- As the parent/guardian, I understand I can check my student's grades in Infinite Campus anytime during the school year.

Student name (printed) _____

Student signature _____

Parent/Guardian name (printed) _____

Parent Signature _____

Date _____

Please return this page to your student's teacher.