



# Chandler Unified School District

MAT305A Honors Algebra 2  
SY 2023-24



## Course Overview

### Course Description

Explores how to model and solve real-life situations dealing with such topics as probability, statistics, algebraic functions, geometry, and an introduction to trigonometry. This course provides a more rigorous approach to the topics covered in Algebra 2 as preparation for AP or IB programs. Students will use the standards for mathematical practice to engage with the subject matter.

### AP/IB/Dual Enrollment

No

### Prerequisite/Fee(s)

Geometry

### Course Materials

- Multiple pencils (preferably mechanical)
- Math notebook or notebook paper
- Dry erase marker
- Math pocket folder
- Graphing calculator (TI 84+ models recommended)
- Ruler
- Compass/protractor

### 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:

Santan Junior High School, 1550 E Chandler Heights Rd, Chandler, AZ 85249

### Building principal:

Maryann Rezzonico  
rezzonico.maryann@cusd80.com

### Teacher:

Sarah Winzeler MEd  
winzeler.sarah@cusd80.com

**Office hours:** Tuesday 4:00 - 4:35 p.m.

## Course Access

This course is taught in-person at Santan 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

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

### **Mental Health Support**

- CUSD mental health support [cusd80.com/Domain/10528](https://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](https://cusd80.com/handbooks). Printed copies will be provided upon request.

### **Student Responsibilities**

- Bring all supplies to class daily - including a charged computer
- Ask questions and/or communicate you need help, as needed
- Attend tutoring, as needed
- Use technology appropriately
- Regularly check grades on infinite campus
- When absent, check Google Classroom for work

### **Late work**

- Missing assignments will be marked with an “M” in the Infinite Campus online gradebook and will count as zeros until they are made up.
- Late assignments will receive a deduction as follows:
  - ~ 1-5 days late – 20% reduction
  - ~ More than five days late – 50% reduction (assignments turned in past grade-posting windows will not be accepted).
- Once an assignment is marked missing in Infinite Campus, students must submit the Missing Assignment Submission Form located under Classwork Course Documents in Google Classroom in order to receive credit.

## **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**

- Assessments (quizzes/tests) will be weighted at 80% of the quarter grade, and Homework/Classwork weighted at 20%.
- Students will not typically have an option to retake assessments, though concepts spiral and students will have additional opportunities to demonstrate mastery. Test corrections are required for learning but will not impact a student's recorded grade.

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- Students must maintain a C or better to remain in Algebra 2.

### **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 MAT305A Honors Algebra 2**

Linear Functions

Quadratic Functions

Quadratic Equations and Complex Numbers

Polynomial Functions

Rational and Radical Functions

Exponential and Logarithmic Functions

Sequences and Series

Trigonometric Functions

Probability

Data Analysis and Statistics

*\*An asterisk will indicate a unit of study containing sexually explicit materials per legislative definitions.*



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### SY 2023-24



**Site:** Santan Junior High School

**Building Principal:** Maryann Rezzonico, rezzonico.maryann@cusd80.com

**Teacher:** Sarah Winzeler, winzeler.sarah@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
Linear Functions	<input type="checkbox"/>	<input type="checkbox"/>
Quadratic Functions	<input type="checkbox"/>	<input type="checkbox"/>
Quadratic Equations and Complex Numbers	<input type="checkbox"/>	<input type="checkbox"/>
Polynomial Functions	<input type="checkbox"/>	<input type="checkbox"/>
Rational and Radical Functions	<input type="checkbox"/>	<input type="checkbox"/>
Exponential and Logarithmic Functions	<input type="checkbox"/>	<input type="checkbox"/>
Sequences and Series	<input type="checkbox"/>	<input type="checkbox"/>
Trigonometric Functions	<input type="checkbox"/>	<input type="checkbox"/>
Probability	<input type="checkbox"/>	<input type="checkbox"/>
Data Analysis and Statistics	<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)

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Student signature

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Parent/Guardian name (printed)

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Parent Signature

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Date

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**Please return this page to your student's teacher.**