



# Chandler Unified School District

MAT100B Algebra 1

SY 2023-24



## Course Overview

### Course Description

This course is the first year of a standards-based mathematics curriculum. Number sense topics include understanding and applying for numbers, ways of representing numbers, and the relationships among numbers and different number systems. Data analysis focuses on understanding and applying data collection, organization, and representation to analyze and sort data. Algebra topics focus on representing and analyzing mathematical situations and structures using algebraic expressions. Geometric topics include specifying and describing spatial relationships using coordinate geometry and other representational systems. Design and logic focus on algorithms and algorithmic thinking and using reasoning to solve mathematical problems in contextual situations. Students will use the standards for mathematical practice to engage with the subject matter

### AP/IB/Dual Enrollment

No

### Prerequisite/Fee(s)

None

### Course Materials

Pencils, erasers, 2 spiral notebooks per quarter, highlighter, charged chromebook

### Adopted Resource(s)

Big Ideas, Larson &amp; Boswell (Cengage) &amp; AGA, Kanold, Burger, Dixon, Larson, &amp; 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:

Willis Junior High School, 401 S McQueen Rd, Chandler, AZ 85225

### Building principal:

Jeff Delp

delp.jeff@cusd80.com

### Teacher:

Debbie Viltrakis BA,MA

viltrakis.debbie@cusd80.com

**Office hours:** Wednesday or Thursday after school

## Course Access

This course is taught in-person at Willis 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](#) support for students, parents/guardians, and community link ([cusd80.com/Page/45109](https://cusd80.com/Page/45109))

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### **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**

- Read and follow the CUSD handbook
- Bring all supplies to class daily- including a charged computer
- Ask questions and/or communicate you need help, as needed
- Attend tutoring, as needed
- Regularly check grades on infinite campus
- Take advantage of quiz/test correction opportunities
- When absent, check Google Classroom for work

### **Late work**

- Late work will be accepted up to two weeks late, for a 10% decrease in points

## **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**

- Classwork- 25%
- Homework- 15%
- Assessments- 60%

### **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 MAT100B Algebra 1**

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Polynomial expressions  
Rational exponents and radicals  
Quadratic functions  
Geometric sequences and exponential functions  
Linear, exponential, and quadratic models

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



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## 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
Polynomial expressions	<input type="checkbox"/>	<input type="checkbox"/>
Rational exponents and radicals	<input type="checkbox"/>	<input type="checkbox"/>
Quadratic functions	<input type="checkbox"/>	<input type="checkbox"/>
Geometric sequences and exponential functions	<input type="checkbox"/>	<input type="checkbox"/>
Linear, exponential, and quadratic models	<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.**