



Chandler Unified School District

MAT100B Algebra I
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

- Graphing Spiral Notebooks (2-3)
- Pencils
- Scientific Calculator (TI30XIIC)
- Colored Pens (6 colors)
- 6 inch ruler

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:

Arizona College Prep Middle School, 1150 W Erie St, Chandler, AZ 85224

Building principal:

Manjula Reddy
reddy.manjula@cusd80.com

Teacher:

Mrs. Linda Ferber BA, MEd
ferber.linda@cusd80.com

Office hours: Tuesday & Thursday, 7:15-7:45am

Course Access

This course is taught in-person at Arizona College Prep Middle 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)

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

- Follow all School Policies
- Use technology for instructional purposes with teacher permission
- Be on time and get started on warm-up right away
- When absent, make up work within the allotted time frame (1 day per day absent)
- Write down homework in agenda daily
- Use time wisely
- Take good notes
- Work examples with teacher
- Collaborate with peers
- Assess your learning daily
- Ask questions

Late work

Students receive two "lifesavers" per quarter to use if they did not complete assigned homework. When using a "lifesaver," the student is expected to complete the homework assignment by the next school day.

If a student has used all "lifesavers" and comes to class without thoroughly completing homework, he/she will be assigned a lunch detention.

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

Grades will be updated weekly and managed through Infinite Campus. Students should check grades regularly to be aware of current standing.

Quarter grade calculation:

60% Summative Assessments (Chapter tests, End of quarter exams)

30% Formative Assessments (Quizzes)

10% Other (Warm-ups, Reflections, and Notebook checks)

Semester grades

Semester grades are calculated using 40/40/20: Each quarter accounts for 40% of the semester grade and the final exam accounts for the remaining 20%.

Units of study

Units for MAT100B Algebra 1

-Exponential Functions and Sequences

-Polynomial Equations and Factoring

-Graphing Quadratic Functions

-Solving Quadratic Equations

-Data Analysis and Displays

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



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Teacher: Mrs. Linda Ferber, ferber.linda@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
-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 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.