



Chandler Unified School District

MAT200A Geometry
SY 2023-24



Course Overview

Course Description

This course is the second year of a standards-based mathematics curriculum. Students will examine rigid transformations, prove geometric theorems, similar and congruent figures, parallel and perpendicular lines with transversals, intro to trigonometry, and properties of circles. Students will analyze the attributes and properties of two and three-dimensional shapes and develop mathematical arguments about their relationships. Students will learn to use logic, reasoning, and mathematical proofs to evaluate situations and select problem-solving strategies. 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

Folder / 3 ring binder

- Pencil

- Ruler

- Graph paper notebooks

- Math compass and protractor

** We will use graphing calculators occasionally

Adopted Resource(s)

Big Ideas, Larson & Boswell (Cengage), or AGA, or 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:

Andersen Junior High School, 1255 N Dobson Rd, Chandler, AZ 85224

Building principal:

Antasio Holley

holley.antasio@cusd80.com

Teacher:

Mr. Andrew McGilvray MEd Curriculum and Instruction - Gifted

mcgilvray.andrew@cusd80.com

Office hours: Tuesdays 3:33 pm - 4:20 pm

Course Access

This course is taught in-person at Andersen 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)

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

- Read and Follow the CUSD handbook
- Bring all supplies to class daily including you computer charged up
- Ask questions of your teammates, classmates, and teachers present in the room for any and all help
- Attend tutoring as needed

Late work

Late work will be accepted up to test week for each unit. Full credit given for excused absences and also given for extenuating circumstances at the teacher's discretion. Otherwise late work will only receive up to 90% of the total possible 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 / Formative Assessments - 20%
Homework / 10%
Summative Assessments - 70%

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 MAT200A Geometry

Shapes and Transformations
Angles and Measurement

Justification and Similarity
Trigonometry and Probability
Completing the Triangle Toolkit
Congruent Triangles

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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
Shapes and Transformations	<input type="checkbox"/>	<input type="checkbox"/>
Angles and Measurement	<input type="checkbox"/>	<input type="checkbox"/>
Justification and Similarity	<input type="checkbox"/>	<input type="checkbox"/>
Trigonometry and Probability	<input type="checkbox"/>	<input type="checkbox"/>
Completing the Triangle Toolkit	<input type="checkbox"/>	<input type="checkbox"/>
Congruent Triangles	<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.