



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

- + Graphing or Scientific Calculator
- + Pen/Pencil/Highlighter
- + Binder with loose leaf paper or notebook
- + School issued Chrome book

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:

Perry High School, 1919 E Queen Creek Rd, Gilbert, AZ 85297

Building principal:

Heather Patterson
patterson.heather@cusd80.com

Teacher:

Ashley Mach M.S. Mathematics
mach.ashley@cusd80.com

Office hours: Tutoring times will vary, but will be before/after school and hours will be posted in my classroom.

Course Access

This course is taught in-person at Perry 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

- + To attend class regularly and use class-time wisely
- + To be in your seat with homework and w-up out ready to work when the bell rings.
- + To be prepared for class
- + To have a positive attitude
- + To remain in your seat until you are dismissed
- + To be respectful to yourself, your peers, and you instructor.
- + All policies and rules as outlined in the student planner

Late work

No late work accepted unless it is for an EXCUSED absence.

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

- + Homework/Classwork = 20%
- + Assessments = 80%

Semester grades

Semester grades are calculated using 80/20: A combination of the two quarters accounts for 80% of the semester grade and the final exam accounts for remaining 20%.

Units of study

Units for MAT200A Geometry

Basics of Geometry
Parallel and Perpendicular Lines

Transformations
Congruent Triangles
Relationships within Triangles
Quadrilaterals and Other Polygons

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



Chandler Unified School District

MAT200A Geometry

SY 2023-24



Site: Perry High School

Building Principal: Heather Patterson, patterson.heather@cusd80.com

Teacher: Ashley Mach, mach.ashley@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
Basics of Geometry	<input type="checkbox"/>	<input type="checkbox"/>
Parallel and Perpendicular Lines	<input type="checkbox"/>	<input type="checkbox"/>
Transformations	<input type="checkbox"/>	<input type="checkbox"/>
Congruent Triangles	<input type="checkbox"/>	<input type="checkbox"/>
Relationships within Triangles	<input type="checkbox"/>	<input type="checkbox"/>
Quadrilaterals and Other Polygons	<input type="checkbox"/>	<input type="checkbox"/>

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

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.