



# 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

+Highly recommended: graphing calculator, like a TI 84 Plus or TI84 Plus CE. Graphing calculators will be needed again in Algebra II and higher-level classes.

+Alternative option: scientific calculator (cheaper and useful for Geometry)

Whichever option you choose, PLEASE stick with Texas Instruments (TI) brand if possible.

+Students will bring the following materials daily: their pen/pencil, paper/notebooks, relevant handouts, calculator, and school-issued Chromebook. Highly suggested: highlighters/pens of different colors.

+Students will be active participants in class, maintaining focus and engagement throughout instruction and activities. Students will ask for help when they need it.

+Students will attend my office hours and/or Math department tutoring when they need extra help.

+Students will use Google Classroom to catch up on work when they are absent. If a student needs to discuss an upcoming or past absence with me, they will contact me via email or during office hours. I do not discuss student absences - or missing work due to absences - with students during class time.

+Students should communicate with me ahead of time if they will have an extended absence.

### 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:

Mrs. Erin Rupp M.Ed.

rupp.erin@cusd80.com

**Office hours:** Twice a week after school

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## 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](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

+Cell phone and headphone (ear bud) use is a distraction in the learning environment. I should not see a cell phone on a student's person during class, or ear buds in their ears. Students are expected to put their cell phones in the caddy and take out their ear buds upon entering the classroom. If there is a particular reason a student needs their phone (family emergency, etc.),

they need to notify me the moment they walk into class, not after they get in trouble.

+Defacing property will not be tolerated. Defiant, disruptive, or disrespectful behavior toward me or other students will not be tolerated. Consequences may include removal from the class (for that period, that day), contact to parents, or an administrative referral.

+Cheating on assessments will not be tolerated. Consequences may include receiving a "0" on the assessment, contact to parents and/or an administrative referral. Any device seen in a student's possession during a quiz/test is considered "cheating" and the device will be confiscated.

+Bathroom/Hall Passes: All I ask is that students be respectful about asking to use the restroom or getting a drink. They should ask to use the restroom during the appropriate time (they should not interrupt a lesson to ask) and be back promptly. I allow one student out of the classroom at a time. They may not bring their cell phones with them per school policy. Time in the bathroom is time out of class; students should ask to use the restroom only when they truly need to do so.

### Late work

+Make-Up Work: This applies to students who have an EXCUSED absence. When students are absent, they will be responsible for making up notes, assignments, and assessments that they missed at no penalty to their grade. They can catch up by emailing me, using Google Classroom, or coming in for office hours.

Students have as many days as they were absent to make up what they missed. If a student misses a test/quiz and the absence was excused, the grade will go in as "missing" and will calculate as a "0" until they make it up and the grade is replaced. If the absence is unexcused, THEY WILL RECEIVE A "0" on the assessment.

+Late work: In order to be successful in math class, students must keep up with lessons and assignments. In turn, late work will not be accepted.

+Retakes and Quiz Corrections: Students who score below 80% on quizzes may come in for quiz corrections during office hours within a week of when the quiz is graded. Students may use hard copies of their notes and classroom activities to help them with their quiz corrections. They may earn up to 80% on the corrections. There are no test re-takes or test corrections.

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## 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

Quarter grades continue through the end of the semester and can be followed on Infinite Campus as "Semester Cumulative." Posted Progress Report and Quarter grades serve as a snapshot. "Assignments" (day-to-day tasks including homework, classwork, etc.) are weighted 20% of the Semester Cumulative grade and are generally graded for completion, though some assignments - including pop quizzes - will be graded for accuracy. "Assessments" (tests and quizzes) are weighted 80% of the Semester Cumulative grade and are graded for accuracy.

### 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.*



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## MAT200A Geometry

### SY 2023-24



**Site:** Perry High School

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

**Teacher:** Mrs. Erin Rupp, rupp.erin@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"/>

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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.***