



Chandler Unified School District

MAT205A Honors Geometry

SY 2023-24



Course Overview

Course Description

This course is the second year of a standards-based mathematics curriculum emphasizing real-life problems and applications. 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. This course provides a more rigorous approach to the topics covered in Geometry as preparation for AP or IB programs. Students will use the standards for mathematical practice to engage with the subject matter.

AP/IB/Dual Enrollment

No

Prerequisite/Fee(s)

Algebra 1

Course Materials

Spiral GRAPH paper notebook (not lined!), compass, protractor, ruler, scientific or graphing calculator (such as TI-84)

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:

Payne Junior High School, 7655 S Higley Rd, Queen Creek, AZ 85142

Building principal:

Lisa Palella

palella.lisa@cUSD80.com

Teacher:

Mrs. Amanda Griffin BS, MEd

griffin.amanda@cUSD80.com

Office hours: *will vary, check teacher webpage for availability

Course Access

This course is taught in-person at Payne 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)

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- 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

- Come to class daily and on time
- Have a positive attitude and a willingness to learn
- Demonstrate excellence in quality of work
- Collaborate with peers
- Respect self, the teacher, and classmates

Late work

Classwork assignments are to be completed in class or finished for homework and returned the next day. Late work is accepted, but will result in a deduction of points. If a student is absent, the student will have the same number of days to complete missing work as the amount of absent days. **Check Google Classroom FREQUENTLY!

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

- +60% Assessments (tests, quizzes, projects)
- +40% Classwork

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 MAT205A Honors Geometry

- Geometry Basics
- Reasoning and Proof
- Parallel and Perpendicular Lines
- Transformation
- Congruent Triangles
- Relationships with Triangles

Similarity

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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
Geometry Basics	<input type="checkbox"/>	<input type="checkbox"/>
Reasoning and Proof	<input type="checkbox"/>	<input type="checkbox"/>
Parallel and Perpendicular Lines	<input type="checkbox"/>	<input type="checkbox"/>
Transformation	<input type="checkbox"/>	<input type="checkbox"/>
Congruent Triangles	<input type="checkbox"/>	<input type="checkbox"/>
Relationships with Triangles	<input type="checkbox"/>	<input type="checkbox"/>
Similarity	<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.