

# **Chandler Unified School District**

MAT200B 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**

Nο

#### 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/quardians, and community link (cusd80.com/Page/45109)

#### **Mental Health Support**

- CUSD mental health support <a href="mailto:cusd80.com/Domain/10528">cusd80.com/Domain/10528</a> 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 <a href="mailto:custoscom/handbooks">custoscom/handbooks</a>. 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

All late work due one week from when it was originally due. Full credit will only be given to those with an excused absence. Other extenuating circumstances will be considered by the teacher, otherwise late work will only receive up to 90% of the total credit.

### **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 <u>District Calendar</u>.

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

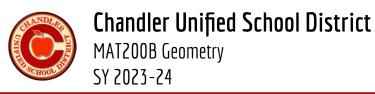
Semester grades are calculated using 45/45/10: Each quarter accounts for 45% of the semester grade and the final exam accounts for the remaining 10%.

# **Units of study**

**Units for MAT200B Geometry** 

Proof and Quadrilaterals Polygons and Circles Solids and Constructions Circles and Conditional Probability Solids and Circles Conics and Closure

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





Site: Andersen Junior High School

**Building Principal:** Antasio Holley, holley.antasio@cusd80.com **Teacher:** Mr. Andrew McGilvray, mcgilvray.andrew@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
Proof and Quadrilaterals Polygons and Circles Solids and Constructions Circles and Conditional Probability Solids and Circles Conics and Closure			
*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 unde during the school year.	rstand I can check my student's grade	es in Infinite C	ampus anytime
Student name (printed)			
Student signature			
Parent/Guardian name (printed)			
Parent Signature			
Date			

Please return this page to your student's teacher.