

Geometry Syllabus

courtney.monroe@dvusd.org and donna.callies@dvusd.org

This course is aligned with Arizona College and Career Ready Standards and/or national content standards and supports school-wide efforts to increase student achievement.

By the time the student completes this course of study, the student will know or be able to:

Common Core Objectives:

- Understand congruence in terms of rigid motions
- Prove geometric theorems
- Make geometric constructions
- Understand similarity in terms of similarity transformations
- Prove theorems involving similarity
- Define trigonometric ratios and solve problems involving right triangles
- Apply trigonometry to general triangles
- Understand and apply theorems about circles
- Translate between the geometric description and the equation for a conic section
- Use coordinates to prove simple geometric theorems algebraically
- Explain volume formulas and use them to solve problems
- Visualize relationships between two dimensional and three-dimensional objects
- Apply geometric concepts in modeling situations

Be in your seat, ready to work, when the bell rings.
Keep a great notebook, complete all assignments.

Do not talk when the teacher is talking.
Come to class prepared (i.e. materials).
No gum, food, or drink in classroom.
Electronic devices, other than a calculator, are not to be visible or used in the classroom.

Geometry Syllabus

Show respect for teacher and classmates (Golden Rule).

Geometry Syllabus

In order for _____ to be accepted, students must meet the following parameters:

Assignment is not due within the class period

Assignment is not a Long-Term assignment (over multiple weeks)

Assignment is turned in by the end of the instructional unit

The length of the unit of study and due dates will be clearly communicated to students by the teacher. Coursework will be due the day of the next assigned assessment. Assessments include but are not limited to tests and quizzes.

The student completes another assessment of the same learning targets.

Geometry Syllabus

If multiple days are missed, please schedule an appointment with me to formulate a plan for the completion of make-up work and/or assessments. Make-up work for extended absences (over 3 days) may be requested through the Counseling Office and picked up there.

Notebook and folder for math

Scientific calculator/Graphing calculator (TI83-TI84 Plus recommended)

Compass and protractor

Pencil (No

Geometry Syllabus

Due to district policy students will not be allowed to use cell phones as a calculator on assessments.