Pre AP Geometry Instructional Plan

2026 Fall Semester

Course Overview

Welcome to Pre AP Geometry!
Pre-AP Geometry course provides a comprehensive exploration of key geometric principles and applications. We begin by establishing foundational concepts, including points, lines, and planes, and then progress to the study of parallel and perpendicular lines, angles, and transformations. The first half of the year culminates with an in-depth analysis of triangle similarity and congruence, alongside the development of logical reasoning and proofs.

Contact Information

Teacher Name (s):
Soujanya Parupalli: soujanya.parupalli@midlandisd.net

Classroom Expectations

Students are expected to arrive to class on time and prepared to engage in learning. Students are expected to demonstrate respect, responsibility, and a commitment to learning. This includes arriving on time, being prepared with necessary materials, actively participating in class discussions and activities, and completing assignments on time. Respect for peers, the teacher, and the learning environment is essential—disruptive behavior, inappropriate language, or bullying will not be tolerated. Students should maintain academic integrity at all times and seek help when needed. A positive, focused attitude and consistent effort will contribute to a productive and supportive classroom community for everyone.

Attendance Policy & Its Importance

Regular school attendance is essential. Absences from class may result in serious disruption of a student's education. The student and parent should avoid unnecessary absences. Two important state laws, one dealing with compulsory attendance and the other with how attendance affects the award of a student's final grade or course credit, are discussed in the MISD Student Handbook.

Please notify the school if your child will be absent. Frequent or extended absences may make it more difficult for your child to learn necessary foundational skills that ensure student success this year and in future school years and could result in loss of credit.

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Learning Objectives

By the end of the first semester, students will be able to:
Using SAVVAS resource, students will develop skills such as:

1st Nine Weeks: 41 days August 18 - October 16
Topic 1: Foundations of Geometry (22 days)
TEKS: G.2A, G.2B, G.4A, G.4B, G.4C, G.5A, G.5B, G.5C, G.6A
Topic 2: Parallel and Perpendicular Lines (17 days)
TEKS: G.2B, G.2C, G.4D, G.5A, G.5B, G.6A, G.6D

2nd Nine Weeks: 38 days October 19 - December 18
Topic 3: Transformations (11 days)
TEKS: G.3A, G.3B, G.3C, G.3D, G.6C
Topic 4: Triangle Congruence (11 days)
TEKS: G.5A, G.6B, G.6C
Topic 5: Relationships in Triangles (11 days)
TEKS: G.5A, G.5B, G.5C, G.5D, G.6A, G.6D

- **Foundations of Geometry:** Students will gain an understanding of foundational geometric concepts.
- **Parallel and Perpendicular Lines:** Students will explore the relationships between different types of lines.
- **Transformations:** Students will investigate how shapes move and change in space.
- **Triangle Congruence:** Students will develop a sense of how to compare and justify congruence relationships between triangles.
- **Relationships in Triangles:** Students will explore relationships among the sides, angles, and other parts of triangles.
- **Reasoning and Proofs:** Students will learn to form logical conclusions and arguments.

Course Resources

Students in Pre-AP Geometry will use a variety of resources designed to support deep understanding and prepare students for advanced mathematics:

In addition to SAVVAS, students will have access to:

- **Savvas Curriculum:** Students will use Savvas as the primary curriculum resource. Savvas provides lessons, instructional videos, guided practice, and opportunities for students to practice skills and work toward mastery.
- **Savvas At-Home Learning:** Students can access Savvas from home to review lessons, watch videos, and complete additional practice. These resources are helpful for students who need reinforcement or want to strengthen their understanding.
- **SAT and TSIA2 Preparation:** The Savvas curriculum and classroom practice provide opportunities to strengthen mathematical reasoning, problem-solving, and application skills that support preparation for the SAT and TSIA2 assessments.

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- **Classroom handouts** and worksheets for guided practice and review.
- **Supplemental videos and tutorials** shared by the teacher to reinforce learning.

Access to Resources:

- SAVVAS is available online, and students will receive login credentials at the start of the course to access lessons and assignments from home or school.
- Graphing calculators will be provided during class, and students can use the Desmos app or website on their own devices.
- All digital resources, handouts, and supplemental materials will be shared through Google Classroom.

This combination of resources ensures students have multiple ways to engage with the material and get support when needed.

Grading Policy

According to Midland ISD Grading Policy:

1. The departmental grading policy will meet the district's framework with 60% of the grade being MAJOR GRADES and 40% being MINOR GRADES.
    a. Major grades will include such things as tests, projects, essays, long-term assignments, etc. There must be two or more grades in the Major category each grading cycle.
    b. Minor grades will include daily grades, homework, quizzes, etc.

Redo Policy

It is the goal of teachers to promote student success and when a student does not succeed on a summative assessment, a redo assessment may be requested. If a student receives a failing grade on a summative assessment, the student may request a redo assignment from his/her teacher.

The following criteria must be met in order to qualify for a redo assignment:

1. The student must have made a significant effort on the original test. Significant effort is defined as:
    - No randomly marked answers and
    - All work/questions are attempted and
    - Work is meaningful and represents deliberate thought

2. The student must complete a reasonable intervention measure as prescribed by a teacher with the aim of improving mastery of the topics covered within the allotted time.

3. The student will have 5 school days from the date of notification of the grade (via in class notification or online grading system) to request a redo assessment.

Once the above criteria are met the teacher will administer the redo at the prearranged time. The following do not qualify for redo:

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1. Assessments that students refuse to initially take in class.

2. Redo not completed by the end of the grading cycle (The Wednesday prior to the end of the grading period on Friday).

The opportunity to redo/retake shall exist for major grades included in a student's average except for semester exams. The maximum grade awarded on a redo/retake is 75. Failure to complete the prescribed intervention and/or meet the timeline established by the teacher will result in the student receiving the original grade awarded. Teachers may choose to offer additional redo opportunities for minor or major grades at their discretion.

School-wide System of Communication

MFHS teachers have several ways to communicate with our MFHS families. Teachers will send out notifications every other week via Power Schools, Blackboard or Class Dojo to keep families informed of student academic progress and upcoming events.

Please feel free to reach out with any questions or concerns. We are excited to work together to make this a successful year of learning!