



Pre-AP Geometry

<http://mansfield.mansfieldisd.org>

3001 East Broad Street, Mansfield TX, 76063 * 682-314-0100

2016-2017

Course Pre-AP Geometry:

This course builds on your algebra knowledge, but also prepares you for future in advanced placement math classes. It will include a study of lines, planes, angles, polygons, transformations, circles, reasoning, congruence and similarity, areas and perimeters, surface area and volume, triangles, and constructions. In order to challenge the advanced student, Pre-AP Geometry has an increased emphasis on formal proofs and creative applications. The student must develop his/her ability to visualize plane and space figures and develop the ability to think creatively and in an organized manner.

*****Algebra 1 skills are assumed and are imperative for success in this course.**

Teacher Information: If you have any questions or concerns you may call the school at 682-314-0100 school phone number, leave a message and it will be returned as soon as possible. Or send an email, and it will be answered as quickly as possible.

Name	Room #	Email information	Conference time
Mrs. Jungman	W9	HeatherJungman@misdmail.org	B Day: 6 th 9:00-10:30
Mrs. Hill	W5	SuzanneHill@misdmail.org	B Day: 8 th 1:25 – 2:55

Textbook: Big Ideas Math will be on-line this year. www.bigideasmath.com

***The district scope and sequence documents for this course can be accessed at www.mansfieldisd.org*

Useful Websites:

- www.purplemath.com
- www.library.thinkquest.org/2647/geometry/geometry.htm
- www.math.com/homeworkhelp/Geometry.html
- www.khanacademy.org
- www.mathtv.com

Grade Book Website: [Mansfield ISD | Skyward Family Access](http://MansfieldISD|SkywardFamilyAccess) www.mansfieldisd.org/skyward

Materials: All students must have and bring the following materials to class everyday:

Paper, Pencil, folder/binder, highlighter, pen, ipad

Supplies for student:

- Calculator*
- Folder/binder
- Highlighter/marker/colored pen for grading
- Composition Book

Supplies for Classroom:

- Geometers toolkit (Ruler, Protractor, and Metal Compass)
- 4 AAA Batteries (BOYS)
- 2 - 12 pack of pencils
- 1 Tissues (GIRLS)

**A class set of TI-84 Plus calculators are provided for students to use during class time only as long as the student and parent have signed a calculator contract. These calculators will not be checked out to students at any time during the semester. Although it is not required, it is strongly advised that students purchase their own TI-84 Plus calculator for their high school math classes.*

GRADING POLICY: Mansfield teachers will follow the grading policy set by Mansfield ISD.

Academic grades for each 6 weeks will be based on a percentage as outlined. Semester grades and end of year grades will be calculated according to district policy.

Geometry six weeks:

Test/Project -- 60%

Quiz -- 30 %

Daily Work --10%

Semester grades:

Six weeks averaged -- 80%

Semester exam -- 20%

*See student handbook for policy exemptions.

Skyward – Students are encouraged to stay on top of their grades. With the iPad, students can easily access the online grade book through the Skyward Student Access app.

*****All work turned in for a grade must be done in PENCIL. Any work done in ink will receive a zero.**

Daily Assignments/ Homework:

- A. Must be labeled with name, date assigned, block, and assigned page(s), and problems
- B. **All work must be shown**, neatly and orderly. Answers must be clearly marked.
- C. All assignments and notes should be organized in separate sections and in chronological order in a binder/folder.
- D. Classwork/Homework will be graded on work shown, neatness, and correctness of answers.
- E. Assignments due during an absence are due upon return.
- F. Students who miss an assignment during an absence are given one additional day to complete the missing assignment. You are responsible for getting any work you have missed due to absences whether they are personal or school related. *It is the student's responsibility to request make-up work and to communicate with the instructor.* Being assigned to the Alternative Classroom is not considered absent, and the work sent to them is due the next time they are in the classroom.
- G. Students are expected to complete all assignments by the given deadlines. This not only encourages students to develop time management skills, which will help them be successful at school and beyond, but will help them to not fall behind the rest of the class.
- H. **Late work** accepted one day late, for a high grade of 70, after which a zero will be given. (See MISD school policy)

Quizzes: Quizzes are given to assess students during a unit. Quizzes will be given at random throughout the year.

- A. Quizzes may be made up within two days **OUTSIDE OF CLASS TIME** if the student is absent.
- B. Quizzes may not be retaken to achieve a higher score.

Tests:

- A. Tests will be given at the completion of each unit.
- B. Mid-chapter tests may be given if deemed appropriate by your instructor.
- C. Please refer to the course calendar/schedule for **approximate** test dates.
- D. Students with multiple absences during a chapter are responsible for making arrangements with the instructor.
- E. If you are absent on the day of a test, you need to make arrangements with the instructor for a make up test.
- F. Retakes – Students have one week after receiving their test results to do corrections/retakes for any test below a 70 for a maximum grade of a 70. Students **must** attend tutoring prior to scheduled retest day. All retesting will be done after school at teachers' discretion.
- G. Project may be given through out the year. Projects assigned with at least one week notice are always due on the date announced. If absent they are due upon return to class, retakes/corrections are not permitted on projects.

Tardies: Policy as explained in the student handbook:

Academic Dishonesty:

Students are expected to uphold honorable character and actions in relation to class work, and assessments. Students must show work on all assignments. Copying another student's work will not be tolerated. If caught cheating, students will be penalized as explained in the student handbook.

Discipline:

Our philosophy of discipline is centered on mutual respect. We are in full support of all school rules and enforce them.

Classroom Procedures and Expectations:

- A. Appropriate learning environment behavior is expected.
- B. When the bell rings please be in your seat working on the bell assignment.
- C. Appropriate personal behavior is expected.
- D. All school rules will be enforced. (IDs, dress code, cell phones, I-pods, MP3 players, etc.)
- E. Class participation, a positive attitude and a strong work ethic are expected.
- F. I will dismiss the class not the bell. You are not to leave your seat and stand by the door at any time during the class. No class will be dismissed until all supplies and calculators are returned to their proper places

Classroom IPAD procedures: Mansfield ISD has a 1:1 iPad initiative in place. This provides the opportunity for every high school student to have an iPad for instructional use.

Daily Procedure: per teacher discretion

- Close all applications on your iPad upon entering the classroom. You may only have opened the apps to be used in class during that specific class period. The opening of any additional app including any gaming, messaging or email feature will result in a disciplinary referral.
- Make sure your device has the sound off.

BYOD Policy - Mansfield ISD has a BYOD policy in place; however, with access to iPads in the classroom daily, the use of any cellular device is only allowed with permission from the teacher. Having cell phones out in class without permission will result in disciplinary action.

General Information:

- A. Parents and students will be able to access grades online through skyward. Grades will be regularly updated.
- B. *Extra credit* will not be offered.
- C. The teacher reserves the right to alter any guideline discussed in this document to accommodate individual students.

Tutoring availability:

Geometry tutoring is offered daily after school, and students can visit any geometry teacher that is open. See teacher list for names and room numbers. Tutoring is also provided during advisory from 10:30 – 10:50, but students **MUST** have a pass from their Geometry teacher in order to leave advisory class and proceed to their Geometry teacher's classroom.

Tutoring times: **please check with your teacher for their individual tutoring times*

****Please let your teacher know that you are planning to come for tutoring**

Pre AP Geometry Calendar:

**All projected chapters are subject to change.*

1st 6 weeks

- Ch.1 Geometry Basics Test
- Ch. 2 Logical Reasoning Test

2nd 6 weeks

- Chapter 3.1- 3.4 Parallel Lines Test
- Chapter 3.5 – 3.6 Equations of Parallel Lines Test

3rd 6 weeks

- Chapter 5 Congruent Triangles Test
- Chapter 6 Relationships within Triangles Test
- *circle project due this six weeks*

4th 6 Weeks

- Chapter 9 Right Triangles and Trigonometry Test
- Chapter 7 Quadrilaterals and other Polygons Test
- Chapter 8 Similarity Test

5th 6 Weeks

- Chapter 11 Circumference and Area Test
- Chapter 12 Surface Area and Volume Test

6th 6 Weeks

- Chapter 10 Circles Test
- Chapter 13 Probability Test

Calendars will be updated and posted on the teacher's website.

<http://hillgeometry.weebly.com/>

<http://mrsjungmanstroudgeometry.weebly.com/>

****Midterm and Final exam dates are on district calendar.**