

COURSE: GEOMETRY COLLEGE PREP

DEPARTMENT: MATHEMATICS

SCHOOL YEAR: 2016-2017 YEARLONG COURSE

TEACHER: MS. ASHLEY ADAMUS, aadamus@mpslakers.com

TEXT: GEOMETRY; PRENTICE HALL; © 2007

COURSE DESCRIPTION: This is a yearlong Geometry course taught at the college prep pace. Students in this class have completed Algebra I college prep and teacher recommendation at this level. The students will acquire knowledge of the following: points, lines and planes; deductive reasoning; parallel lines and planes; congruent triangles; quadrilaterals; inequalities in geometry; similar polygons; right triangles; and circles.

TOPICS BY TERM

Term 1: Point, lines, and planes; Reasoning and Proof; parallel and perpendicular lines and planes; congruent triangles

Term 2: Relationships within triangles; quadrilaterals; ratios and proportions; similar polygons;

Term 3: Right triangles; Circles; areas and perimeters

TO BE SUCCESSFUL IN THIS CLASS

1. Come to class prepared with homework completed and needed materials daily.
2. Always pay attention in class and take good notes. Ask questions when they arise.
3. Do homework assignments to reinforce material learned during class. Homework will prepare you for graded assignments/tests.
4. Study for tests by reviewing notes, assignments, and the text.
5. Follow the expectations outlined in the MPS handbook.

ITEMS NEEDED DAILY

1. A three-ring binder (with loose leaf paper) in which you will keep your notes, assignments, and tests.
2. Scientific or graphing calculator
3. Pencil- All work handed in must be done in pencil as I will not accept any work that is done in pen
4. Graph paper, ruler, and protractors will also be needed as announced however will be available for student use in the classroom.

GRADES

Your grade per term will be determined as follows:

- 3 or 4 exams per term
- At least 3 class or homework assignments
- At least 3 In-class graded assignments
- **Late assignments will not be accepted after they have been graded and returned to the class**

GRADING POLICIES

EXAMS:

Exams will be given at the end of each chapter. Unannounced quizzes may also be given throughout the year.

Two cumulative exams will be given; one will be given midyear and one at the end of the year. Both will count for your final exam grade.

Students should keep a hard copy of all work/tests/ assignments until the final grade is posted. In the event of a missing or lost assignment, the burden of proof rests with the student.

HOMEWORK:

Homework will be assigned daily. These assignments should be kept in your binder following the notes for that class. Homework will be posted to my homework website. If you are absent, it is your responsibility to get the assignment and complete it. Some class time will be given to go over homework; however, this time will be used to check answers not be used to re-teach problems so if you do not understand an assignment you should see me for clarification.

If homework is collected, it will be due at the beginning of class. If it is handed in any time after the start of class, it will be considered late. **No credit will be given once the assignment is returned to the class.**

It is in your best interest to complete every homework assignment to your best ability and ask questions if there is something that you do not understand.

ATTENDANCE

In the event that you become ill or can no come to school for any reason, you are responsible for making up the assignments that you miss. All homework assignments will be posted on my homework page. If you are absent the day of a test, have your parents let the attendance office know that they are aware you having a math test that day. On the date of your return, you must arrange a time with me to take the test. Be prepared to take the test within a day or two of your return. The exam must be made up before or after school.

If you need to use the restroom between classes, come to class first. If you are late for class because you were using the restroom you will be given a tardy and per the student handbook, a demerit.

IPAD USE:

For the most part, iPads will not be used in class. Students will be required to put the iPad in their book bag or on the iPad shelf during instruction. After instruction, or when students are working independently, they may access their iPads. A warning will be issued to any student who has their iPad

out during class time. If it becomes a regular problem, appropriate penalty will be given based upon policies in the student handbook.

HELP SESSIONS

If you are having difficulties in my class, there are many opportunities for you to get assistance. I want to see all of my students succeed. Even the best math students have difficulties understanding some concepts sometimes and you should never feel like you cannot ask me a question.

I am available in my room before and after school most days. Please however try to notify me in advance that you would like to stay after school to make sure that I am available.

The math lab is also an option as it is open Tuesdays and Thursdays from 3:00-3:45 pm and Wednesday from 7:30-8:15 am. It is staffed by a math teacher and several peer tutors which allows you to work on your homework with someone close by to ask questions or get caught up on a topic that you missed.

If you feel as though you will work better with a peer tutor, I can also arrange for you to work one-on-one with an NHS student.

If you have any questions outside of school, my email is aadamus@mpslakers.com.