



Amy MacPherson
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Planning/Conf. Times: 1:45 PM to 3:15 PM
Tutoring Hours: By Appointment

Dear Geometry Students and Parents,

I am excited to be your child's math teacher this semester at SJHS. I will encourage them to do the very best they can in my class, and I will help them in any way that is reasonable. To ensure that your son or daughter receives the best possible instruction in my class, I ask for your cooperation during the coming year. Attached are grading policy, academic and management plans. Please, read and discuss them with your child.

Sincerely,

A handwritten signature in black ink that reads "Amy MacPherson".

Amy MacPherson

Math Teacher, SJHS

Geometry Course Information

Level:	College Prep	Intended Audience:	10 th Grade
Prerequisites:	Algebra 1 or Intermediate Algebra		
Description:	<p>The Geometry skills and concepts developed in this class are useful to all students. Aside from learning these skills and concepts, students will develop their ability to construct formal, logical arguments and proofs in geometric settings. Although the course involves mainly plane Euclidean geometry, it also places special emphasis on coordinate geometry. Students will also develop an appreciation for the connections between geometry and other disciplines. They will continue to develop geometric sense by working with polygons, angles, and parallel lines. This course also deals with the concepts of triangle congruence and similarity. Finally, throughout the course, students will use logical reasoning and mathematical proofs as they apply to each new topic of study.</p> <p>The curriculum used in this course is guided by the SCCCR Standards for Mathematics.</p>		

Delivery

Google Classroom: Announcements, Assignments and Content Material will be posted in Google Classroom. Parents are encouraged to sign up for notices from Google Classroom about their students' progress.

Direct Instruction: During class I will be using a modeling and direct instruction approach with guided note handouts. This is where the meat of the instruction will take place along with the independent practice.

Performance Outcomes and Skills

In this course, students will know and be able to work with problems involving:

- Geometric Reasoning
- Parallel and Perpendicular Lines
- Triangle Congruence
- Properties and Attributes of Triangles
- Right Triangles and Trigonometry
- Similarity
- Polygons and Quadrilaterals
- Circles
- Transformations in Geometry

Course Assessments

Grades will consist of assessment opportunities that will occur each week to determine student progress toward meeting the course goals and outcomes.

ASSESSMENTS will include:

- Teacher designed formative assessments (Practice)
 - Homework and or class individual assignments will be given as practice to master skills.
 - I will grade students based on completion of their assignment.
- Teacher designed Mid-Level Assessments.
 - Several standards-based quizzes will be given for each unit
 - Some online and some with paper and pencil.
- Teacher designed Major Assessments.
 - Each unit will have a teacher made test and/or a collaborative real-world project
- Teacher designed common final exam

Nine weeks average will be computed based on test grades, quiz grades, and daily classwork/homework grade according to the weighted scale below.

<i>Assessment</i>	<i>Weight</i>
Practice	20%
Mid-Level Assessments	30%
Major Assessment	50%

Each nine weeks will be worth 40% and the other 20% will be from a final exam taken at the end of the semester.

The semester grade will be according to the South Carolina Grading Scale.

<i>Score</i>	<i>Grade</i>
100 – 90	A
89 – 80	B
79 – 70	C
69 – 60	D
59 – 0	F

Textbook and Supplies

- A positive attitude
- Graphing Calculators
- Individual computing device with mathematics software and Internet access (PDL)
- Notebook and/or notebook paper
- ½ - 1" 3 ring binder
- Pencils/pens

Classroom Management Plan

Therefore, each student is expected to conduct himself/herself with consideration and respect for others. In order to create and maintain the optimal learning atmosphere, we will be using the following plan this year.

Classroom Rules

1. Be prepared for class.
2. Respect the classroom and your classmates.
3. No interruptions of the learning process.
4. No cell phones or other electronic devices in class unless used for instruction.
5. Know and follow all rules of SJHS and HCS handbook.

Consequences

1. Verbal warning
2. Conference with the student and/or Parent contact
3. Referral to the administration

*****Immediate dismissal from class will be at discretion of teacher for major offense*****

Rewards

1. Verbal Praise
2. Positive notes home
3. Positive calls to parents.

Academic Supports

I can be reached for academic support one of the following ways.

- *Email:* amacpherson@horrycountyschools.net
- *Planning/Conf. Times:* 1:45 PM to 3:15 PM
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