Welcome to Geometry!

**Instructor**: Jamie Seymour **Room**: A244

**What do I need for the class?**

(more details in the syllabus)

-pencil -highlighter -pen

-protractor -compass -ruler

-notebook -paper -folder

-calculator -dry erase markers

**Contact Information**: email: jseymour@amphi.com

Address: Ironwood Ridge High School

2475 W. Naranja Dr, Tucson, AZ 85742

**Course Description**: This is a traditional course in Euclidean and Transformational Geometry. Topics Covered: Foundations, Reasoning and Proof, Parallels and Perpendiculars, Congruence, Properties of Polygons, Transformations, Similarity, Right Triangles, Trigonometry, Circles, Surface Area, and Volume.

**Overview**: We will do many activities designed to “discover” and/or build the concepts of Geometry. Students are expected to read, follow directions, participate, and share their discoveries. Appropriate behavior is a must in these so “off task” behavior is not acceptable. Geometry is

significantly different from Algebra. Although Algebra is often incorporated into Geometry,

much of Geometry is critical thinking.

**Books and Materials**: Students should check out a copy of the textbook from the bookstore for use at

home. Students should get a ruler (12”), protractor, and compass. They will also need a pencil, a pen, a highlighter (any color), notebook (for notes), ruled paper (either filler paper or in a spiral notebook), and folder (or use a binder- something organized to keep papers). Dry erase markers (broad, not fine tipped) will be used on whiteboards for practice.

**Calculators:** Calculators are a necessity for studying mathematics at the high school level. For Geometry, a standard scientific calculator is sufficient. If it is affordable, a graphing calculator is a good investment (TI 84 seems to be the most common calculator right now). Although cell phones have calculators on them (and you can even download graphing calculators), remember that they are never allowed to be used on assessments.

**How to be Successful in this Class**:

* Attend class every day.
* Be organized. Keep your notes together in your composition book, keep all your Geometry worksheets together in a folder.
* Use your notes, worksheets, bellwork, the textbook, etc. as a reference.
* Take thorough and neat notes during class. Ask questions if you are confused.
* Even if there isn’t formal homework assigned, take 5-10 minutes a day to look over your notes. It’s a great refresher of what you have learned!
* Study for quizzes and tests.
* Get help whenever you need it.

**Cell Phone Policy:** Don’t use them if you have not been given permission! Cell phones and accessories

(ear phones, etc.) must either be put completely away (cannot be seen at all) OR if a student

chooses, he/she may elect to charge his/her phone at the back of the room.

Note: the teacher is not responsible if anything happens to a student’s cell phone.

**Grading:** 25% assignments (homework, bellwork, in-class work, projects, etc.)

55% tests and quizzes

20% final exam

**Bellwork:** Students begin each day with bellwork. Most of the time bellwork consists of a question on

the Smart Board that students are responsible for copying down in their “Bellwork Book” and

answering. During this time, the teacher is taking attendance. The Bellwork Book will be

formally collected and graded at the end of the quarter. It is imperative that students take the

Bellwork seriously. The book is a great review for any quizzes or tests.

**Homework**: Homework is important because it practices the skills that the students have learned in

class. Students are certainly allowed (and encouraged) to *help* each other, but *not* copy from

one another. That is considered cheating. Homework assignments are usually worth 10 points, but may range from 5 to 20 points. Per district policy, students have one week after the due date to turn in an assignment for full credit (assuming the assignment was done fully). After that, students will receive a 50%.

**Quizzes and Tests:** Worth 55% of your total grade. Quizzes are worth less points than tests, and cover

less material. Quizzes and tests must always be made up. This can be done before school (1st

Period), right after school (please make an appointment), or during advisory period. Please make up quizzes and tests within one week of the original quiz/test (5 school days). Cell phones are not allowed to be used while *anyone* in the class is taking a quiz/test.

**Final Exam:** Worth 25% of your grade. It will cover all the topics learned during the semester.

There will be a practice exam given to the students as a review (about 1 week before the final).

**Expectations for the Class:**

1. Respect others in the classroom (both classmates and the teacher).
2. Take care of the classroom and all materials (throw away trash, put items back where they belong, etc.).
3. Put forth your best effort (don’t be happy with “just passing”… do the best you can).
4. Personal electronics (cell phones) must be put away and silent.

**Academic Integrity:** Cheating is not acceptable. District policy will be followed, and this includes giving a 0% on any assignments where cheating occurred. Take note that the 50% rule does not apply when cheating has occurred.

**\*\*\*Remember to show work or explain how you got your answers. This applies to assignments and quizzes/tests\*\*\***

Dear Parent/Guardian and Student,

Please make sure you read the Geometry Syllabus. It includes some important information on the class, including information on grading, materials that are needed for the class, and expectations.

Some highlights that I want to emphasize:

-Get the materials that I listed on the syllabus. I will be checking for those materials, and giving a grade.

-Grades are based on categories. The largest category is tests/quizzes.

-Cell phones are generally not allowed to be used in the classroom. They are absolutely never allowed during “testing sessions” (while any students are taking a quiz/test).

Thank you, and I’m looking forward to a wonderful year!

Jamie Seymour

Geometry Teacher

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I have read the syllabus and am aware of the expectations of this class.

Student Name (print): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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