**Geometry Syllabus**

**2014 – 2015**

**Instructor:**

Patrick Foerster

Conference: 6th period

Email: [patrick.foerster@pfisd.net](mailto:patrick.foerster@pfisd.net)

Website: <http://hhsfoerster.weebly.com/>

**Tutorial Hours:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Patrick Foerster** | **Katherine Horn** | **Brittany Matchett** | **Robert Sainz** | **Nicole Stewart** |
| Mon: 4:20-5:30 | B days Tues/Thurs/Fri   8:10-8:50 | MTRF: 8:20-8:50 | Mon: 4:20-5:00 | Wed: 4:20-5:00 |
| Tues: 4:20-5:30 | B days Mon-Thurs  4:20-5:15 | Thurs: 4:20-5:00 | Wed: 4:20-5:00 | Fri: 8:00-8:45 |
| Fieldhouse | D109 | D202 | E203 | E215 |

**\***Tutoring Websites: <http://www.khanacademy.org>

<http://www.brightstorm.com>

<http://www.mathtv.com/videos_by_topic>

**Course Description:**

* Throughout this course, we will be building on the understanding of number, operations, spatial, and quantitative reasoning, patterns, relationships, and measurements. Spatial reasoning plays a critical role in geometry. Students will use geometric figures to represent mathematical situations and to express generalizations about space and spatial relationships.
* Geometry consists of the study of geometric figures of zero, one, two, and three dimentions and the relationships among them. Students study properties and relationships having to do with size, shape, location, direction and orientation of these figures. Students perceive the connection between geometry and the real and mathematical worlds and use geometric ideas, relationships, and properties to solve problems.
* Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools and graphing calculators to solve meaningful problems.

**Expectations:**

1. Respect each other and the learning environment.
2. Bring all materials to class and be on time.
3. Raise your hand and wait to be acknowledged before speaking during instruction.
4. Follow all school regulations.

**\*\*Remember—BE SAFE, BE RESPECTFUL, BE RESPONSIBLE**

**Course Requirements:**

1. Requested supplies that will aid in the learning process:

* For Class Use: Colored Pens/Map Colors, Dry Erase Markers
* For Home Use: Protractor, Ruler, Graphing Calculator (highly encouraged for Geometry as well as future math courses)

1. Required supplies for daily use:

* Pencils, Notebook Paper, Dividers and 3-Ring Binder

**Format and Procedures:**

1. Absences:

If a student misses a class, it is the **student’s responsibility** to obtain all missed notes and assignments at the beginning of the following class period. Missed assignments will be due the next class along with that day’s assignment.

1. Testing Policy:

If the student misses a test, it is the **student’s responsibility** for making arrangements to take the test within two school days. **If the student is absent on the day of a review, they are still expected to take the test on the assigned day.**

1. Re-Test Policy:

Students scoring below 70% on a major assessment concept will be allowed one retest for a maximum grade of 70%. The retest must be taken within five days of when the original test is passed back and must occur during tutorials. If a student is absent the day the tests are passed back, they still have the same deadline as those that were present; daily attendance is extremely important for success in this class. Students are only allowed to retest after turning in test corrections for their failed exam. **There are no retakes for minor grades.**

1. Projects:

If a student is absent the day a project is due, it is due the day the student returns to class.

1. Late Work Policy:

In an effort to develop our students’ organizational skills and encourage their personal responsibility, students must turn in all work on time and will not be allowed to redo minor grades. Our experience has taught us that more students struggle in these areas than with geometric concepts.”

Work is considered late if it is not complete the date it is due and when the student enters the classroom. Late work is not accepted for minor grades such as daily assignments or homework. If a student is absent then their work is not considered late unless it is not turned in the following class period when they return.

**Grading:**

80% - Major Assessments (Tests/Projects/Writing)

20% - Minor Grades (Quizzes/Homework/Daily Assignments/Participation Grades)

**Academic Integrity:**

Each student in this course is expected to abide by the Pflugerville ISD Code of Conduct and Student Handbook with regards to Academic Integrity. Any work submitted by a student in this course for academic credit will be the student’s own work unless otherwise specifically directed by the teacher. Cheating in any form will result in immediate disciplinary action and students will not be allowed to retest or resubmit the assignment.

**Always refer to the website for updated news, assignments, calendar, etc.**

**Let’s have a great year Hawks!**