

**Mr. Moyer**

**Academic Geometry Syllabus**

**2018-2019**

**School Phone Number:** 717-432-8691 x 2315 **Email:** tmoyer@nycsd.k12.pa.us

**Course Description:** This course is for those students who have successfully completed Algebra I in the 8th grade (some students may be recommended by 9th grade Algebra teachers). Geometry is the study of logical reasoning. Points, lines, and planes are used as the building blocks of geometric figures, and as the basic models from which to reason. Emphasis is placed on formal proofs and problem-solving involving algebra skills.

**Yearly Course Schedule:**

|  |  |
| --- | --- |
| * 1. Essentials of Geometry
	2. Reasoning and Proof
	3. Parallel and Perpendicular Lines
	4. Congruent Triangles
	5. Relationships within Triangles
 | * 1. Similarity
	2. Right Triangles and Trig
	3. Quadrilaterals
	4. Properties of Transformations
	5. Properties of Circles
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**Class Expectations:**

* **Food, drink, cell phone, etc**…should NEVER be visible in the classroom unless otherwise specified! Cell phones must be completely out of sight. You may have water bottles with water in them ONLY. Failure to follow this rule will result in the appropriate disciplinary action as outlined in the student handbook.
* **Seating:** You will be given an assigned seat each marking period. Use the restroom and water fountain prior to coming to class. Class is over when I dismiss you. Do not pack up early!
* **Materials:** The supplies you will need include: a 3-ring binder, notebook or filler paper for completing your homework, an eraser, plenty of pencils, and colorful pens/pencils/highlighters (optional but helpful for note-taking).
* **Homework:** You will have homework nearly every night and I will check it in class for completeness. All work must be shown on assignments to receive full credit. Homework will be graded as follows:

100% = all complete with all necessary work shown

66% = most is complete

0% = half or less is complete

 \* Homework will be accepted late for half credit up until the test for that unit

* **Attendance:** If you are absent from school, be sure to check the Sapphire website for the homework you have missed, send me an email, or when you return to class, check your class’s folder for missed work. Also, when you return, be sure to borrow a classmate’s notes to catch-up. The number of days you are absent equals the number of days you have to complete the assignment for full credit.
* **Tardiness:** Will not be tolerated. You must be in your seat, ready to begin class when the bell rings. I will email the office every time you are tardy to class. The consequences for being tardy are as follows:

Strike #3 ­­­­– 1 hour after school detention

Strike #5 – 2 hour after school detention

Strike #7 and each tardy thereafter – 2 hour detention and hallway restriction.

* **Grading Scale:**

93-100% A

85-92% B

77-84% C

70-76% D

below 70% F

* **Quizzes and Tests:** Every few sections we will review and quiz. At the end of every chapter we will review and test. There will be a final exam covering the content from the entire school year. PENCILS are the only acceptable writing instrument for quizzes or exams. If a pencil is not used, the student will be asked to retake the quiz or exam. Cheating will **NEVER** be tolerated. Cheating will result in a zero and disciplinary action.
* **Extra Credit:** Opportunities for extra credit will be periodic throughout the year. Take advantage of these, they can really make a difference.
* **Tutoring:** I will be available after school until at least 3:10 for your assistance. Also Math Lab is available every period except 9th period. The guidance office can also set you up with a peer tutor.
* **Calculators:** Students will have access to scientific calculators in the classroom. You will be required to sign a calculator contract before receiving a calculator. If you lose your calculator, you will be held responsible to paying back its value.
* **Textbooks:** Students will receive a textbook within the first week of school. They are to write their name in the book and put the teacher name in parentheses next to theirs. Any damaged or lost books will require reimbursement for the value of the book.
* **Use Time Wisely:**  You are expected to use any given time in class to work on the assignment for the day.
* **Be Respectful:** Common courtesy is expected at ALL times.

I have read Mr. Moyer’s Academic Geometry Syllabus and I am aware of the expectations for this class.

Student’s Name (printed) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period#\_\_\_\_\_\_

Student’s Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_

Parent/Guardian Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_