

## Geometry

Welcome to Geometry! I am looking forward to having a great year with you. This course is a very rigorous and difficult course. At times, it is also very different from any math you have ever done. For some students this is a good thing and for others it is a challenge.

### 1. Materials:

- a. Binder with paper and graph paper
- b. Compass and ruler
- c. Pencil or pen
- d. Colored pencils, markers or highlighters
- e. Charged Chromebook with Stylus (<https://www.amazon.com/Stylus-Touch-Screens-Sensitivity-Replacement/dp/B087X133RZ>)

### 2. Grading:

- a. Tests: one after each unit in general 4-5 per quarter
- b. Quizzes: Unannounced and announced
- c. On-Line Assignments: All On-Line assignments for a unit are due the day of the Unit Test. No Assignments will be accepted late. All assignments will be submitted through Google Classroom or DeltaMath.

### 3. Classroom Rules:

- a. Be on time, seated, and ready to work at the sound of the bell.
- b. Do not leave your seat (throw out garbage, go to the bathroom, get a drink, sharpen pencil) without first asking permission.
- c. Do not touch anything in the classroom without asking permission.
- d. Raise your hand and wait to be called on prior to asking or answering any questions.
- e. Use appropriate language and behave properly at all times.
- f. Respect your classmates at all times.
- g. Cell phones are **ONLY** to be used for instructional purposes.
- h. No hats or hoods.
- i. Stay positive and ALWAYS try your best.

### 4. Attendance: In addition to Sachem's attendance policy:

- a. Students who are absent are responsible for ALL missed notes and assignments.
- b. If you are absent on a test day, you will be required to take the test upon your return to school. No exceptions.

**5. Course Information:**

This is the second course in New York State's three year Integrated Algebra, Geometry and Algebra II sequence. Students will have the opportunity to explore an integrated approach to the study of geometric relationships. Students will investigate properties of triangles, quadrilaterals, and circles, formal and informal proofs, transformational and coordinate geometry, and 3-dimensional geometry. This course is designed to help students develop an understanding of how reasoning and proof are fundamental aspects of mathematics. All students will take the New York State Geometry Regents examination at the end of the year. A graphing calculator will be used throughout the course and on the Regents exam.

**6. Contact Information:**

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