

## **GSE Geometry Syllabus (2020-2021)**

School Phone: (770) 954 – 9515

Schoolwires.henry.k12.ga.us/elhs

**Instructor:** Mitchell Graves  
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**Room #:** 614

**Year:** 2020-2021

**Text:** Into Geometry, Houghton Mifflin Harcourt Publishing Company

Authors: Burger, Dixon, Kanold, Kaplinsky, Larson, and Leinwand

As a Henry County Graduate, I will be able to prove, understand, and model geometric concepts using appropriate tools, theorems, and constructions to solve problems and apply logical reasoning.

### **Course Outline:**

- Unit 1 – Transformations in the Coordinate Plane (2 weeks)
- Unit 2 – Similarity, Congruence, and Proofs (5 weeks)
- Unit 3 – Right Triangle Trigonometry (2 weeks)
- Unit 4 – Circles and Volume (3.5 weeks)
- Unit 5 – Geometric and Algebraic Connections (2 weeks)
- Unit 6 – Application of Probability (2.5 weeks)
- Unit 7 – Review (1 week)

### **Expectations:**

- Students are to be in their seats and ready to learn by the start of the class period
- Students should attend every class unless they have an excused absence
- Students will actively participate in class in a manner that facilitates learning the material being presented or reviewed
- Students will handle technology responsibly. Using technology in a way not conducive to learning the material will not be allowed
- Students who are absent will be responsible for determining what work was missed and making up the work in a timely manner
- All phones and other personal electronics should be put away during class
- Study and do all homework

### **Materials:**

- A three-ring binder or other similar organizational method with notebook paper and graph paper
- Pencils (wooden or mechanical)
- A Scientific Calculator (examples include; TI-30XIIS, TI-30XS-Multiview, TI-36X, TI-36X-Pro, Casio FX-260SOLAR, FX-300ES, FX-300MS, FX-115ES)

### **Grading:**

- Grades are computed per semester
- Homework and other practice work – 40%
- Assessment tasks – 40%
- Semester Summative Assessment – 20%

Grading Scale:

A 90 - 100

B 80 - 89

C 74 - 79

D 70 – 73

F 0 – 69

#### **Communication:**

- The best way to contact me is through e-mail. Please e-mail me at any time at [mitchell.graves@henry.k12.ga.us](mailto:mitchell.graves@henry.k12.ga.us) and I will try to respond to all e-mails within 24 hours
- Parent conferences can be scheduled with me through the school counseling office
- Grades can be accessed through Infinite Campus. I will update Infinite Campus fairly regularly and recommend that you monitor it on a regular basis

#### **Office Hours & Tutoring:**

- I will have office hours to help with homework by request, just have the student contact me to set up a time
- The ELHS Math Department will also post a tutoring schedule with all of the tutoring times available for all math teachers

#### **Google Classroom:**

Google classroom will be used to provide resources to assist students throughout the year.

Links for Google classroom will be posted on my website

#### **Remind App:**

To get reminder texts, text your class code to 81010

2<sup>nd</sup> Block Honors Geometry – @gravesgeo

3<sup>rd</sup> and 4<sup>th</sup> Block Geometry – @gravesgeo