

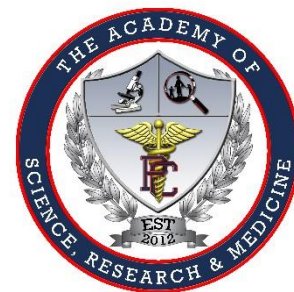


Honors Geometry Course Syllabus

Paulding County High School

Mrs. Michelle TaiSee

Fall 2020
Room 824



Course Description

Geometry is the second course in a sequence of three required high school courses designed to ensure career and college readiness. The course represents a discrete study of geometry with correlated statistics applications.

The standards in the three-course high school sequence specify the mathematics that all students should study in order to be college and career ready. Additional mathematics content is provided in fourth credit courses and advanced courses including pre-calculus, calculus, advanced statistics, discrete mathematics, and mathematics of finance courses. High school course content standards are listed by conceptual categories including Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. Conceptual categories portray a coherent view of high school mathematics content; a student's work with functions, for example, crosses a number of traditional course boundaries, potentially up through and including calculus. Standards for Mathematical Practice provide the foundation for instruction and assessment.

Unit Overview

- Unit 1 – Connections with Algebra
- Unit 2 – Transformations in the Coordinate Plane
- Unit 3 – Congruence
- Unit 4 – Similarity
- Unit 5 – Geometric Proofs
- Unit 6 – Right Triangle Trigonometry
- Unit 7 – Circles
- Unit 8 – Volume
- Unit 9 – Applications of Probability

Materials

Students will need pencils and paper every day! All work should be done in pencil! Students will also use graph paper, colored pencils, and a calculator. Calculators will be provided at school, **but it is recommended each student have access to their own calculator for classwork and homework assignments.** Calculators will not be available for use at home.

Recommended Calculators: TI 30-XS Multi-view, TI 36 Pro Multi-view, or TI-84 Plus Graphing Calculator

<https://www.amazon.com/Texas-Instruments-MultiView-Scientific-Calculator/dp/B000PD FQ6K>

[https://www.amazon.com/Texas-Instruments-Engineering-Scientific-Calculator/dp/B004NBZB 2Y/ref=pd_lpo_229_img _0/142-1745822-3780049?_encoding=UT F8&pd rd i=B004NBZB2 Y&pd rd r=9ba85e55-3e8c-4d6d-8bda-1336f1a8da3a&pd rd w =hbITF&pd rd wg=k8fh G&pf rd p=7b36d496-f366-4631-94d3-61b87b52511b&pf rd r =F9J0F9CBNJQP19207VH K&psc=1&refRID=F9J0F9 CBNJQP19207VHK](https://www.amazon.com/Texas-Instruments-Engineering-Scientific-Calculator/dp/B004NBZB 2Y/ref=pd_lpo_229_img _0/142-1745822-3780049?_encoding=UTF8&pd_rd_i=B004NBZB2 Y&pd_rd_r=9ba85e55-3e8c-4d6d-8bda-1336f1a8da3a&pd_rd_w =hbITF&pd_rd_wg=k8fh G&pf_rd_p=7b36d496-f366-4631-94d3-61b87b52511b&pf_rd_r =F9J0F9CBNJQP19207VH K&psc=1&refRID=F9J0F9 CBNJQP19207VHK)

https://www.amazon.com/Texas-Instruments-Plus-Graphics-Calculator/dp/B007WM3MW2/ref =sr_1_3?crid=27PVCIK2YTNH7&dc hild=1&keywords=ti84+graphing+c alculator&qid=1595947208&s=elec tronics&sprefix=ti+84+%2Celectron ics%2C153&sr=1-3

Grading Procedures

Homework will be assigned most days and may be collected and graded for completion and/or accuracy. Each unit will have a minimum of 2 formative grades to include homework, quizzes, ticket-out-the-doors, and other small assessments. Each unit will have a unit exam. Some large units may be divided into two smaller units.

Formative Grades – 29%

Summative Grades – 71 %

The overall semester final exam (state milestone exam) will count as 20% of the student's overall final grade.

Classroom Expectations

Students are expected to be respectful to the teacher, their peers, and to the classroom while at PCHS. They are expected to be prepared for class, by having materials and being in class on time. Students are expected to use technology (to include cell phones, tablets, iPads) only at designated times during class. Students should not be using phones during class time unless given directions or permission from the teacher.

Class Website

Please visit <http://taiseeisland.weebly.com> frequently for classroom updates. All assignments, videos, digital lessons, and digital assignments will be located on Canvas.

Class Website



Reminders

Please take a moment and sign up for my Remind101! Remind101 is a way for me to send text or email reminders of upcoming events and activities for class.

Pick a way to receive messages for Honors Geometry - Fall 2020- TaiSee:

A If you have a smartphone, get push notifications.

On your iPhone or Android phone, open your web browser and go to the following link:

rmd.at/87ffed

Follow the instructions to sign up for Remind. You'll be prompted to download the mobile app.

A smartphone screen displaying the Remind101 sign-up page. The page title is "Join Honors Geometry - Fall 2020- TaiSee". It has two input fields: "Full Name" and "Phone Number or Email Address". The phone number field contains "(555) 555-5555".

B If you don't have a smartphone, get text notifications.

Text the message @87ffed to the number 81010.

If you're having trouble with 81010, try texting @87ffed to (240) 573-7759.

* Standard text message rates apply.

A smartphone screen showing a text message. The "To" field contains "81010" and the "Message" field contains "@87ffed".

If you have any questions or comments, please feel free to email me at mtaisee@paulding.k12.ga.us!

I look forward to a fun, exciting, math-filled year!

Michelle TaiSee 😊