 

**Honors GSE Geometry**

**Fall 2018**

Mrs. Veronique Izquierdo

Room 2036

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For occasional reminders/info, parents and students

Text message: @quierdogeo

To: 81010

**Course Description**

Honors Geometry is the second in the sequence of three required high school

courses designed to ensure college and career readiness. The course represents a

discrete study of geometry with correlated statistics applications. In addition, the honors

version of this course will ensure that students are prepared to take higher level

mathematics courses during their high school career, including Advanced Placement Calculus AB, Advanced Placement Calculus BC, and Advanced Placement Statistics. Incorporated into the curriculum are the concepts of problem solving, organization, and teamwork.

Your success in this class will be a product of the consistency of your study and homework habits. Being organized, prepared, conscientious, and present each day will greatly enhance your learning process. Each student is responsible for his/her own learning and understanding of the goals and objectives presented in class. Each student is responsible for the completion of his/her own work. You are a student whose job and responsibility is to be the best student you can be!

**Materials**

In addition to your assignments from the previous class, you will need the following EVERY day:

* an organized math binder (which includes dividers/tabs and loose-leaf paper)
* color pencils/markers/highlighters would be helpful for note-taking purposes
* composition book (for notes ONLY. I also recommend buying one with graph paper instead of lined)
* paper
* pencil/eraser
* calculator (A class set of TI-30XS will be available for use in class, as well as a set of TI-84 Graphing Calculators. Our assessments will vary as to which type of calculator may be used. Some concepts introduced in class will be explored further on graphing calculators, and one of our goals will be for each student to gain sufficient knowledge in using them)

**Topics Covered**Unit 1: Transformations in the Coordinate Plane Unit 2: Logic and Conditional StatementsUnit 3: Congruence and Proofs Unit 4: SimilarityUnit 5: Right Triangle Trigonometry Unit 6: Circles
Unit 7: Volume and Cross-Sections Unit 8: Geometric and Algebraic Connections
Unit 9: Applications of Probability

# Textbook

*Analytic Geometry, Georgia Edition.* Holt McDougal, 2014.

# These are relatively new textbooks, so students are encouraged to leave them at home and take good care of them. Absolutely no writing in the textbooks will be permitted - many of the concepts in this class will involve pictures and figures, all of which must be drawn on your own paper in order to help complete the work. Students will also have access to the online version of the textbook. Login information will be provided.

**Standards Based Grading**

A version of standards-based grading will be used in this course. The purpose of standards-based grading is to allow the student, the teacher, and the parent to see very clearly which standards (i.e., topics, ideas) the student has mastered and which may require more practice in order for them to do so.

For the purposes of calculating your grade, there will not be the traditional categories of ‘test’, ‘quiz’ or ‘homework’, but rather, the categories will now be broken down by unit. Each unit has been assigned a weight based on the importance of the topic and the length of time we will be spending on that topic in class. Each unit represents a category in Synergy. Every assignment will be linked to its respective unit and the grade for each assignment will be entered under the appropriate category.

The breakdown of unit percentage values is as follows:

Unit 1 – Transformations in the Coordinate Plane 5%

Unit 2 – Conditional Statements and Logic 5%

Unit 3 – Congruence and Proofs 15%

Unit 4 – Similarity 8%

Unit 5 – Right Triangle Trigonometry 10%

Unit 6 – Circles 12%

Unit 7 – Volume and Cross-sections 5%

Unit 8 – Geometric and Algebraic Connections 10%

Unit 9 – Applications of Probability 6%

Georgia Milestone End of Course Assessment 20%

Miscellaneous (Summer Packet, Projects, EOC Review, etc.) 4%

**Grading Policy**

Letter grades will be determined according to Cobb County Policy:

A 90 – 100% D 70 – 73%

B 80 – 89% F below 70%

C 74 – 79%

# For purposes of calculating GPA, one-half extra quality point will be awarded. Please check Synergy regularly to access your grades and course average. If you have any questions about your grade, email me. QuizzesQuizzes will be given frequently and will usually be announced. However, students should be prepared every day for smaller, unannounced assessments of some type.

**Tests**

Students will be assessed by a written test after each unit, which will include skill mastery, application, and writing. The best way to prepare for tests is to come to class, pay attention, and do your work daily. Each unit test will count at least 50%, and up to 100%, of the unit’s overall grade.

**Homework**

Homework is a crucial part of the learning process. We will go over homework the next day and homework quizzes can be given at any time without notice. I will come around and stamp your homework the day it is due (usually the next class). I will collect your stamp sheet from time to time. An upright stamp is 20 points. A sideways stamp is 10 points. You will receive a sideways stamp for an incomplete assignment, *even if only incomplete by 1 question*. If you are stuck on a problem, you should at least show some work and put down information that pertains to the problem to let me know that you have attempted it. Certain homework assignments will be collected and graded for accuracy. When doing homework, you are expected to show all your work *(even if calculator is used)* and clearly state your answer. Homework will not count towards your overall grade in the course, however, it does matter for grade recovery purposes.

**Grade Recovery**

Throughout the semester, you will have an opportunity to “retake” unit tests on which you may not have shown full mastery of the current standards being assessed. The purpose behind this grade recovery is to give you an additional opportunity to show that you have indeed mastered the standards of the course.

The following rules apply to the opportunity to participate in the grade recovery process:

1. Grade recovery will only be permitted on two unit tests
2. You may only retake unit tests on which you earned less than 85%
3. The new grade for the retested material will be entered whether it is higher or lower than the original grade
4. To be eligible for a retake, the student must:
5. Complete 80% of the homework assigned for that respective unit
6. Complete the review guide

5. All recovery must be completed by Friday, December 7th

**Cheating**

It is considered cheating to copy homework or classwork as well as copying another student’s test, project or quiz. Everyone must remain quiet until all tests and quizzes are turned in. Talking during a test means you are cheating someone out of their quiet time. If it is determined that you have cheated, you may receive a zero on the assignment, your parents will be notified and an administrative referral will be filled out.

**Extra Help**

When you come in for extra help before or after school, you must be prepared. Come in showing that you have attempted homework, reworked quizzes, and taken notes. Have questions ready. Help sessions do not replace what you should be doing daily: coming to class, doing homework, listening in class, asking questions in class, and studying regularly. The same rules apply during these hours as they do during class (i.e. no texting).

Mrs. Izquierdo’s Hours: Wednesdays and Fridays 7:45-8:15 a.m.

 Tuesdays and Thursdays 3:45-4:15 p.m.

**Absences**

If you are absent, it is your responsibility to get class notes from a classmate and to turn make-up work in on time. I will not stay on top of your absences and missed work. This is YOUR responsibility as a young adult and failure to make-up assignments will result in a zero for that assignment. If you are absent the day before an assessment where no new material is taught, you will be expected to take the assessment upon your return.

**Make-up Work**

You may only make-up work for which you were absent. Any worksheets given in class will be in the make-up folders by the door. Make an appointment with me to come in to make-up assessments before or after school. You have 10 days starting the day you come back to school to make up any assessments.

**Expectations**

* Materials such as pencils and paper are required for this class and should be brought to class every day and therefore will not be provided for you.
* Clean up after yourself. Throw your trash away on your way out of class.
* Class participation and homework completion is expected every day and is an important part of your success in this class.

**Classroom Rules**

* Be in your assigned seat when the tardy bell rings and begin the warm-up.
* Allow a teacher to dismiss you at the end of class.
* Keep your desk clear of purses, book bags and other distractions. You should have your textbook, notes or assignment out on your desk along with a pencil and a calculator if needed.
* This is a food and beverage free classroom. Water bottles are acceptable.
* Cellphones are to be turned off and put away. *Teacher sees it, teacher takes it.*

**Classroom** **Discipline Plan:**

1st Offense: Warning

2nd Offense: Student/Teacher Talk

3rd Offense: Student Detention and Call/Email Home

4th Offense: Referral

**Detention Policy**

I assign afternoon (3:30-4:00) detentions only. In the event that you receive a detention in my class, you will be given 2 Tuesdays and 2 Thursdays to serve it (4 opportunities total over the span of 2 weeks). It is your responsibility to make arrangements to stay after on one of those days (speak to your coach or sponsor if you participate in after school activities/sports and find a ride home). I will not remind you of the detention nor hunt you down. Failure to serve will result in a referral.

**Bathroom Passes**

You will receive 5. Don’t lose them and use them wisely.

\*\*Please keep this syllabus in the front of your notebook for easy reference\*\*

\*\*This syllabus is subject to change throughout the semester\*\*

Student Information

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Last First Middle Preferred name of reference

Birthday: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Email address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Do you have internet access at home? \_\_\_\_\_\_\_\_\_\_

Do you have a smart phone you could use in class for activities? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Are you involved in extra-curricular activities? If so, what are they? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Do you have a job? What is it? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What is your favorite subject? Why? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What do you want to be when you grow up? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Previous Math Courses:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course** | **School** | **Teacher** | **Final Avg.** |
| **8th Grade**  |  |  |  |
| **9th Grade** |  |  |  |
| **10th Grade** |  |  |  |
| **11th Grade**  |  |  |  |

Any additional information that I need to know about you:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Guardian Information

Guardian #1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Home Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Work Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Relationship to student: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Cell Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Guardian #2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Home Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Work Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Relationship to student: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Cell Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Dear Parents,

I would appreciate the opportunity to speak with you concerning your child's progress at any point throughout the semester. The easiest way for me to keep in touch is through email (veronique.izquierdo@cobbk12.org). Please feel free to email me at any time. My email address is at the top of the syllabus. Please leave your email and phone number below.

Thank you in advance for your support!

PLEASE SIGN AND RETURN THIS PART OF THE COURSE SYLLABUS. IF YOU HAVE ANY QUESTIONS, YOU MAY NOTE THEM BELOW OR CONTACT ME SEPARATELY.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_

Student’s printed name Class period

I have read and understand the terms of the course syllabus.

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Student Signature Date

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_

Parent/Guardian Signature Date