

# PEBBLEBROOK

THE ACADEMY FOR  
**CREATIVE**  
STUDIES AT  
**PEBBLEBROOK**

COBB COUNTY CENTER FOR  
**EXCELLENCE**  
IN THE PERFORMING ARTS AT  
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**GLOBAL**  
SERVICE AT  
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# HIGH SCHOOL

**Department:** Mathematics

**Fall Semester 2016**

**COURSE TITLE:** GSE Geometry

**EMAIL:** aimee.pierre2@cobbk12.org

**INSTRUCTOR:** Ms. Pierre

**PHONE:** (678) 631-7505

**CLASSROOM BLOG:** <http://www.pierrephs.weebly.com>

**SCHOOL WEBSITE:** <http://www.cobbk12.org/Pebblebrook/>

**PHS SCHOOL VISION:** Empowering students to become productive members of a global community.

**PHS SCHOOL MISSION:** Modeling and developing intellectual, physical and emotional behaviors that lead to success for all.

#### **KEY ACTIONS:**

- Increase the Graduation Rate
- Increase rigor and student engagement (Project-based learning environment)
- Increase community and parental involvement

#### **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.

#### **KEY STANDARDS:**

MGSE9-12.G.CO.1-13

MGSE9-12.G.SRT.1-8

MGSE9-12.G.C.1-5

MGSE9-12.G.GPE.1-7

MGSE9-12.G.GMD.1-4

MGSE9-12.G.MG.1-3

MGSE9-12.S.CP.1-7

Congruence

Similarity, Right Triangles & Trigonometry

Circles

Expressing Geometric Properties with Equations

Geometric Measurement & Dimension

Modeling Geometry

Conditional Probability & the Rules of Probability

**TEXTBOOK/SUPPLEMENTAL RESOURCES:**

Our main textbook for the course is Analytic Geometry, Georgia Edition by Holt McDougal

**Books/Resources for the Course:**

CCGPS Analytic Geometry by Walch Education  
Triumph Learning Common Core Coach Geometry, Georgia Edition  
Georgia Milestone Geometry Study Guide  
Math Shell Tasks and Formative Assessment Lessons

**MATERIALS NEEDED:**

1. Pencils
2. Eraser
3. Ruler
4. 3” Durable Binder
5. Notebook paper
6. 2 packs of Dividers
7. TI-36X Pro calculator

Classroom supply donations are welcomed.  
Pencils | Facial tissue | Hand sanitizer | Dry erase markers

**CLASSROOM RULES AND EXPECTATIONS:**

1. Be in your assigned seat when the bell rings.
2. Bring ALL materials to class.
3. No personal grooming during class time.
4. Raise your hand and wait for permission to speak.
5. Follow directions the first time they are given.

**Classroom Procedures**

*Entrance into the classroom:*

Enter class prepared to begin your Do Now, which will be projected on the board. You are expected to sit in your assigned seat silently, take a pencil, and a sheet of notebook paper and begin your Do Now immediately.

*Do Now:*

You will have five minutes to complete the Do Now. In the event you complete the Do Now ahead of time, turn over your paper and proceed with copying your homework assignment into your agenda. Once you have accomplished this task, take out your homework from the previous night and set it to the left side of your desk.

*Header:* For **all** submitted assignments, you must use MLA format for your headings. Please see how to head your assignments below



**NAME:**

**TEACHER:**

**SUBJECT/PERIOD:**

**DATE:**

**ASSIGNMENT**

## GRADING POLICY:

Students will have a number of opportunities to demonstrate mastery for each set of standards, namely in the form of formative (Do Now, Exit Ticket, Homework, Quiz) and summative (Unit Tests) assessments.

	Formative	Summative	Total
Congruence/Similarity	12%	14%	26%
Circles	5%	7%	12%
Equations/Measurement	12%	14%	26%
Statistics/Probability	5%	6%	11%
Final Exam			5%
Milestone EOC			20%

## GRADING SCALE:

- A - 100-90%
- B - 89-80%
- C - 79-74%
- D - 70-73%
- F - 69-Below

## SYNERGY ACCESS TO GRADES:

It is strongly encouraged that you keep your Synergy login information in a safe place and that you have access to the information when needed. Parents should contact the Main Office (770.819.2521).

Please note that when you are viewing grades in Synergy that a blank grade column for your child has no effect on their grade. If the space is blank, then your student may not have turned in that assignment due to absence or the teacher may not have entered grades for that assignment at that time. An "X" means that the student is exempt from an assignment at the discretion of the teacher.

## Homework/Class Work Requirements:

The purpose of homework is to provide additional practice for the lesson taught in class. Homework is a vital part of success in the class. As a result, your homework should be neatly written in **pencil**, complete with header and all the necessary steps you took to arrive at your final answer. The final answer must **be highlighted**, boxed or underlined. Remember, homework will be collected on random days and graded.

## Projects:

- Some of the learning that takes place in this class will be student-driven and project based. True learning takes place when students solve problems and discover things on their own. I will not stand in front of the class and simply tell you what you need to know.
- Some projects will be individual, but many will require you to work in a small group. Generally, groups will initially be two people but if students prove that they are able to work well in larger groups, I will allow it.
- While I understand that some people prefer to work alone, working with others is an essential skill that is needed to be successful as an adult. If you are one of these people, please speak with me in private and I will attempt to group you with other students in which you will be compatible.

## Tests and Quizzes:

- The majority of the tests and quizzes I give are multiple choice and short answer. However, all tests can include a combination of any of the following: multiple choice, true/false, matching, fill-in-the-blank, short answer, graphs, charts, and map questions.
- Quizzes will be scheduled in advance, but the teacher reserves the right to give pop quizzes. If participation in class is low, students are not able to participate in class discussions with reasonable intelligence of the material, and/or did not complete the homework, a pop quiz may be given. Quizzes will cover the readings that the student is to have completed, class activities, and any notes given in class lecture (normally only a week's worth of material).

**FINAL EXAM EXEMPTION:**

Students with no more than one excused absence may qualify to exempt one of their final exams. Students with a course average of 80 or higher may exempt one final exam of their choice. Students with a course average of 79 or below may request that ten percentage points be added to the final exam grade. Towards the end of the semester, students who qualify may submit an Exam Exemption Form to the classroom teacher of their choice. Teachers must verify that the student qualifies for the exemption.

**LATE WORK POLICY:** Any late work will receive a highest possible grade of a 70 if turned in after the assignment is due. The student will have until the unit test to turn in late work and will receive a highest possible grade of 70. No work will be graded after the Unit Test.

**ATTENDANCE AND MAKE-UP POLICY:** If a student receives an excused absence he or she will be able to make up the work in class that was done for the day. Each class has a rolling folder activity spot on the back wall. It is the student’s responsibility to obtain their work from the wall and complete and return in a timely manner. The student has up to the amount of excused absences plus one day to complete any missing work. After that point the work will be considered late and will be graded as such.

**TARDY POLICY:**

To avoid being counted tardy, *students must be seated and ready for class when the bell rings*. School policy states that students may receive detention, In-School Suspension, and Out-of-School Suspension for repeated tardies.

**EXTRA HELP:**

Students can come in before school on **Tuesday and Thursday from 7:30-8:00 AM** or after school from **3:45-4:30 PM**. Please make sure you sign-up if you are planning on coming to tutorial during any of these times.

	Monday	Tuesday	Wednesday	Thursday	Friday
7:30-8:00 AM		Ms. Pierre Room 803		Ms. Pierre Room 803	
3:45-4:30 PM		Ms. Turrentine Room 801		Mrs. Sailor Room 805	
		Mr. Gil Room 909		Mr. Gil Room 909	

**CELL PHONES AND ELECTRONIC DEVICES:**

As per the school’s policy, cell phones are not to be used during class time unless directed by the teacher for instructional purposes. Students will receive a discipline referral after one warning to put away any electronic device (unless the device is being used for instruction). Students are allowed to bring certain technologies to class (iPad, laptop, Kindle, etc.), but it should **NOT** interfere with the teaching or other’s learning.

**GRADE RECOVERY:**

Students who score 69 or below on any unit assessment are allowed to retake the assessment. The grade will not exceed a 70 for the unit assessment. Students are only eligible for a retake after attending at least one tutorial session in which they received remediation on the topic they failed to demonstrate mastery. The retake must be completed within one week. Please view my blog for notification on when assessments will be administered.

**ACADEMIC INTEGRITY:**

Cheating is considered a serious matter. Any student who is involved in cheating/plagiarism will receive a grade of zero on the material, an unsatisfactory in conduct, and his/her parents will be notified.

For this course, cheating is defined as, but is not limited to, the following acts:

- Copying anyone's answers to questions, exercises, study guides, class work or homework assignments
- Taking any information verbatim from any source, including the Internet, without giving proper credit to the author, or rearranging the order of words and/or changing some words as written by the author and claiming the work as his or her own, i.e., plagiarism.
- Looking onto another student's paper during a test or quiz.

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## SYLLABUS ACKNOWLEDGEMENT

**COURSE:** GSE Geometry

Please review and check the following:

- I have read the class syllabus.
- I understand the late work policy, classroom procedures, learning and behavior expectations.

**Student Name:** \_\_\_\_\_

**Parent/Guardian Name:** \_\_\_\_\_

*Parent/Guardian Contact Information*

**Cell Phone:** \_\_\_\_\_

**Work:** \_\_\_\_\_

**Home:** \_\_\_\_\_

**E-mail:** \_\_\_\_\_

**Student Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Parent Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

*\*Note: The Syllabus is always a work in progress, some items may be removed, added, or altered based on class progress.*