



South Cobb High School Geometry Course Syllabus 2018 - 2019

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| Instructor: | Email: | Phone: |
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| Blog: http://mathbybarnes.weebly.com/ | | |

Course Description:

The Geometry course includes an in-depth analysis of plane, solid, and coordinate geometry as they relate to both abstract mathematical concepts as well as real-world problem situations. Topics include logic and proof, parallel lines and polygons, perimeter and area analysis, volume, similarity and congruence, trigonometry, and probability. Many of these geometric topics will be built upon from the students prior knowledge, but some will be new. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning and argument. Students will be required to use different technological tools and manipulatives to discover and explain much of the course content; both in school and on their own time.

Topics

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| Unit 1 – Transformations in the Coordinate Plane |
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| Unit 2 – Similarity, Congruence and Proofs |
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| Unit 3 – Right Triangle Trigonometry |
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| Unit 4 – Circles and Volume |
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| Unit 5 – Geometric & Algebraic Connections |
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| Unit 6 – Applications of Probability |
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Supplies

1. Spiral Folder/Binder
2. Pencils ☺
3. **TI-30X** scientific calculator or any calculator that has sine (sin), cosine (cos), tangent (tan) functions.
4. Graph paper/notebook
5. Ruler
6. Highlighter(s) (for Literacy Days)

Grading Policy

Standards Based Grading:

Every assignment will be linked to a standard and the grade for each assignment will be entered under the appropriate category. The categories are:

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| Summative Assessments | 45% |
| Formative Assessments | 20% |
| Mid-Term | 5% |
| EOC | 20% |
| Final Exam | 10% |

Assignment and Report Card

Grading Scale:

A 90-100

B 80-89

C 74-79

D 70-73

F 69 and Below

Grade Recovery:

Grade recovery will be permitted on unit summative assessments. The EOC is **not** eligible for grade recovery. The purpose behind grade recovery is to give you an additional opportunity to show that you have mastered the standards of the course. The following rules will apply for this process as this is not a right but a privilege. Specific dates will be provided for review sessions as well as reassessments.

1. You may only reassess on standards where you earned less than 80% on the standard within the unit test.
2. To be eligible to take the re-assess, you must:
 - a. Complete a *Request to Retest* form
 - b. Attend at least one tutorial from any geometry teacher
3. Students are allowed to reassess on any unit summative **once**.
4. The reassessment will be administered afterschool; it is your responsibility to ensure you can attend the reassessment session.
5. Students must reassess within two (2) weeks of the original test date.
6. The new grade will be entered only if it is **higher** than your original grade.

Tardy Policy:

The tardy and dress code policies established by South Cobb High School will be strictly enforced. Refer to the Student Agenda for further details.

Restroom:

Due to the extra time provided after lunch to use the restroom and make it back to class, each student will be allowed to go to the restroom no more than 2 times during the week – no exceptions. Bathroom passes will **not** be issued during the first and last 15 minutes of class – no exceptions. **Students that take more than 10 minutes to go to the bathroom will be considered skipping and skipping consequences will be given; students are still responsible for the material covered in their absence.**

Assignments:

Homework- The key to mastering any field of mathematics is **PRACTICE, PRACTICE, and PRACTICE!** Therefore, homework will be assigned every night, and its completion is necessary for your success in this class. You should always copy the problem and **SHOW ALL WORK**, when applicable, in order to receive credit.

Quizzes- Quizzes will be given frequently and will be announced (some pop-quizzes are possible). A review will be provided at the teacher's discretion.

Unit Assessments- Students will be assessed by a written test after each unit, which will include both selected responses and constructed responses. Each unit test will be broken down into standards.

Make-up Work - Attendance is an extremely important part of this class. Your success in Geometry (as well as any other class), is contingent upon your being here. If you are absent (excused) at any time, you will follow the school's policy for make-up assignments (refer to page 32 in the student agenda). It will be **YOUR RESPONSIBILITY** to get the tasks, notes, and/or assignments that you may miss.

Extra Help- Tutoring will be available Wednesday's from 3:45 – 4:30. ***With the exception of the 1st Wednesday in each month due to a school-wide faculty meeting.*** A schedule will be posted under the *Announcements* board in the back of the classroom with additional teachers availability.

Updates and Communication:

Class communication and updates will be provided through the following avenues:

- **Remind** – Reminders and/or updates will periodically be sent using Remind. Please register using the following codes according to your block:
 - Text @kbgeo3 to 81010

- **Grades** – Updated at least once a week so all parties are aware of student's current standing in the class; projects grades will be entered no more than two weeks from the due date. Due to the nature of the class and ample opportunities to improve grades through tests/re-tests, quizzes, and in-class activities, extra credit is not given. Students should remain diligent in seeking understanding of the content throughout the semester.

- **Teacher Blog** – Will be used as another source to rely information about concept topics, pertinent updates, and programs school and non-school related. Accessible through <http://mathbybarnes.weebly.com/> as well as through South Cobb web page.

Parent /Guardian Contact Information

Dear Parent/Guardian,

I am glad to be your son's/daughter's Math teacher. I would appreciate the opportunity to speak with you concerning your child's progress at any point throughout the semester. The most convenient way for us to keep in touch is through email. Please feel free to email me at any time. My email is at the top of the syllabus. If you prefer a phone call, please indicate which number you prefer me to call and also what time is most convenient for a phone call. Thank you in advance for your support!

PLEASE SIGN AND RETURN THIS PART OF THE COURSE SYLLABUS. (I will send you an email to acknowledge received it)

Student's printed name

Class period

I have read and understand the terms of the GPS Geometry Course syllabus.

Student Signature

Date

Parent/Guardian Signature

Date

Parent/Guardian Printed Name(s)

Phone Number

Work/Daytime Phone Number

Email address (Please print NEATLY!)

Comments: Please write any information that you feel can help make me assist your child to benefit more from this class.
