



Brunswick High School
2171 Lawrenceville Plank Road
Lawrenceville, VA 23868
(434) 848-2716 FAX (434) 848-6375

Dr. Ronald K. Thornhill
Principal

Mrs Jalana Barner
Assistant Principal

Belinda Evans
Dean of Students

G E O M E T R Y
2022- 2023 Academic Year
Tanika Hylton
Brunswick High School

Course Description

The standards below outline the content for a one-year course in Geometry. All students are expected to achieve the Geometry standards. When planning for instruction, consideration will be given to the sequential development of concepts and skills by using concrete materials to assist students in making the transition from the arithmetic to the symbolic. The course includes, among other things, properties of geometric figures, trigonometric relationships, and reasoning to justify conclusions. Methods of justification will include paragraph proofs, two-column proofs, indirect proofs, coordinate proofs, algebraic methods, and verbal arguments. A gradual development of formal proof will be encouraged. Inductive and intuitive approaches to proof as well as deductive

This set of standards includes emphasis on two- and three-dimensional reasoning skills, coordinate and transformational geometry, and the use of geometric models to solve problems. A variety of applications and some general problem-solving techniques, including algebraic skills, should be used to implement these standards. Calculators, computers, graphing utilities (graphing calculators or computer graphing simulators), dynamic geometry software, and other appropriate technology tools will be used to assist in teaching and learning. Any technology that will enhance student learning should be used.

Throughout the course, students should be encouraged to engage in discourse about mathematics with teachers and other students, use the language and symbols of mathematics in representations and communication, discuss problems and problem solving, and develop confidence in themselves as mathematics students.

Course Structure

For the 2022 -2023 academic year, Geometry students are expected to learn:

SOL Overview

G.1	Logical Argumentation	G.8	Right Triangles
G.2	Parallel Lines Cut by a Transversal	G.9	Quadrilaterals
G.3	Coordinate Applications, Symmetry and Transformations	G.10	Polygons
G.4	Constructions	G.11	Properties of Circles
G.5	Side-Angle Relationship of Triangles	G.12	Equation of Circles
G.6	Proving Triangles Congruent	G.13	Surface Area and Volume of Solids
G.7	Proving Similar Triangles	G.14	Comparing Surface Area and Volume of Solids

Course Textbook

EnVision Geometry will only be used for reference.



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Grading Procedure

In determining the interim, nine weeks, semester, exam and final averages, the guidelines below will be followed:

Classwork, Daily Assignments, & Quizzes	– 75%
- This includes daily work drills, classroom exercises, homework, participation and extra credits	
Test, Projects, Major Assessments	– 25%
Total	– 100 %

Minimum Pass Requirement: All students are expected to pass with a grade average of 70% or above.

Classroom Expectations /Procedures/Consequences

Class Norms:

1. Attend classes on time and attend to your daily schedule.
2. Complete and submit assignments on time.
3. Participate daily in activities
4. Work to the best of your ability.
5. Communicate with your parents and teachers for additional support.

Class Expectations:

1. Respect yourself, the teacher and others and take responsibility for your actions.
2. Arrive to class on time, prepared and ready to be actively engaged in the teaching and learning process.
3. Your best effort is encouraged at all times.
4. Follow directions at all times. Preserve a positive learning environment.
5. No food or drink inside the classroom.
6. Never line up at the door before dismissal.
7. Do not cheat, plagiarize or copy.
8. Keep hands and feet to yourself.
9. The use of cellphones during class instruction is prohibited unless otherwise advised.
10. Use appropriate language at all times. No profanity!!.



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Class Procedures:

1. Raise your hand if you have questions or need clarifications. We cannot learn in chaos.
2. If you are absent, be sure to ask for missed assignments. Make-up assignments are given three (3) days to be completed after the receipt of the missed assignment otherwise if not submitted, then you will be allocated a fail mark.
3. Tardiness will not be tolerated. Be punctual and ready to learn every day.
4. Turn off cell phones and other electronic devices unless otherwise advised.
5. Turn in class work/ projects/assignments on time.

Class Consequences:

1. Verbal Warning
2. Call Home / Remind.com
3. Behavior Intervention Plan
4. Documentation

School Phone: (434) 848-2716

Sincerely,

Tanika Hylton
– *Geometry Teacher*

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Syllabus Signature Page

To be filled out by the parent or guardian and the student.

Student Portion:

I have read and understand the expectations of this class

Student's name (please print)

Student's Signature

Parent / Guardian Portion:

I have reviewed the expectations of this class with my child.

Parent or Guardian signature

Date

Parent Phone Number

Parent Email

Please make sure to join Remind.com to stay connected with the progress of your child. Let me know if I can help explain anything about the course or class expectations. If you need me to contact you, simply circle below.

Please contact me; I have questions about the course expectations.

Yes No