



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

Ms. Belinda Evans
Dean of Students

G E O M E T R Y
2021- 2022 Academic Year
Dr. Benard Chigonga
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 2021-2022 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.

Grading Procedure



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

Ms. Belinda Evans
Dean of Students

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. Remain respectful. Use proper language at all times, follow the school dress code and practice good hygiene.
2. Ensure that your device is taken care of, charged, and ready for use in class.
3. Keep all passwords and login information easily accessible and secure.
4. Speak clearly, concisely and slowly.
5. No eating or drinking during the class sessions.
6. Do not use cell phone in class (unless it's being used as a learning tool)

Class Procedures:

1. Raise your hand if you have questions or needs clarification. We cannot learn in chaos.
2. Turn in classwork/projects/homework on Google Classroom on time.
3. If you are absent, be sure to complete your assignments on Google classroom. Assignments are given three (3) days to be completed otherwise **if not submitted, then you will be allocated a fail mark.**
4. Tardiness will not be tolerated. **Be punctual and ready to learn every day.**

Class Consequences:

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

=====

Sincerely,

Dr. Benard CHIGONGA (*Geometry Educator*)
Cell: (828) 507-3107
Email: chigongab@brunswickcps.org

=====



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

Ms. Belinda Evans
Dean of Students

Please Join:

1. ***Remind.com (Class Code:@b47bea8)***
2. ***Google Classroom:***

Class block	Class code
4A	ptzesp
