

SYLLABUS

MRS. TYLER

Geometry

Chincoteague Combined School

COURSE DESCRIPTION

This course is designed for students who have successfully completed the standards for Algebra 1. The course includes 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.

PLANNED COURSE OUTLINE

1st Nine Weeks:

Transformations – SOL G.3c, G.3d
Points, Lines, Planes, and Angles and Constructions – SOL G.3a, G.4
Reasoning and Proofs – SOL G.1
Perpendicular and Parallel Lines – SOL G.2, G.3, G.4
Relationships in Triangles – SOL G.5
Congruent Triangles – SOL G.6
Quadrilaterals – SOL G.9

2nd Nine Weeks:

Proportion and Similarity – SOL G.7
Right Triangles and Trigonometry – SOL G.8
Coordinate Geometry – SOL G.9, G.10, G.11
Circles – SOL G.11
Surface Area and Volume – SOL G.13, G.14

RULES AND EXPECTATIONS

BE PROMPT - be on time - sharpen pencil - read objective(s) - sit in assigned seat

BE POLITE - observe basic rules of politeness and cooperation during instruction, individual practice, and group activities - RAISE YOUR HAND to ask a question - do not speak to anyone without permission - do not leave your seat without permission - do not SIT or WRITE on desks - your desk IS NOT a trash can

BE PREPARED - bring notebook, folder, **PENCIL**, textbook, and assignments to class - NO PASSES TO LOCKERS - homework WILL be checked daily - bring something to read!

BATHROOM PASSES – will be given as requested but student must leave cell phone in room and may collect upon returning

PARTICIPATE - copy notes and examples from class - volunteer - cooperate - be eager to learn and ask questions

PRACTICE - complete all classwork and homework assignments - study for all tests and quizzes - YES, it is possible to study MATH!!!!

ASSIGNMENTS - will be announced when assigned and posted – turn in homework/assignments on **time** – In Canvas, there will be clear due dates for all assignments

QUIZZES AND TESTS - these will be announced

ABSENCES AND LATE WORK – If you will be absent for an extended period of time, you still need a doctor's note. In this case, please reach out to your teachers or guidance counselor to discuss making up work. Per ACPS policy, students are allotted one (1) day to make up work per missed day of school. Late work may be turned in for a maximum of half credit.

MATERIALS - One large notebook for notes and assignments

- Folder(s) for keeping tests and quizzes as returned
- **PENCILS** with erasers
- Desmos online calculator

GRADING SCALE - the county-wide scale will be used

Tests - 40%

Quizzes and Projects - 30%

Classwork – 20%

Homework - 10%

Parents are encouraged to get their Power School password and monitor their child's progress. Please contact me with any questions or concerns.

Teaching the required material for success on the State SOL Test requires that no

instructional time be lost on discipline. If uncooperative behavior disrupts the learning environment, you will be referred to the office.

You can learn the required material. I am here to help you, but no one can make you learn. It is your choice! Please cooperate so we can both have a successful year.