SYLLABUS

MRS. TYLER

Algebra II   Chincoteague Combined School

COURSE DESCRIPTION

This is a fast paced course designed for students in the advanced study's program. Basic concepts and skills of Algebra I and correct usage of terminology are <u>reviewed</u>. Topics include linear functions and relations, polynomials and rational expressions, radicals, complex numbers, statistics, polynomial functions and equations.

PLANNED COURSE OUTLINE

<u>First Nine Weeks:</u>
1. Chapter 1 Linear Functions and Systems (SOL'S AII 3a, AII 3b, AII 4, AII 6a, AII 6b, AII 7a, AII 7b, AII 7c, AII 7d, AII 7e); Chapter 6 Section 7 Geometric Sequences and Series (SOL'S AII 5)
2. Chapter 5 Rational Exponents and Radical Functions (SOL'S AII 1b, AII 3d, AII 6a, AII 6b, AII 7a, AII 7f, AII 7g, AII k, AII 7j)
3. Chapter 2 Quadratic Functions and Equations (SOL'S AII 2, AII 3b, AII, AII6a, AII 6b, AII a, AII c, AII 7d, AII 7e, AII 8, AII 9)

<u>Second Nine Weeks:</u>
4. Chapter 3 Polynomial Functions (SOL'S AII 1c, AII 6a, AII 6b, AII 7a, AII 7b, AII 7c, AII 7d, AII 7e, AII 7f, AII 7g, AII 7h, A II8)
5. Chapter 4 Rational Functions (SOL'S AII 1a, AII 3c, AII 6a, AII 6b, AII 7a, AII 7e, AII 7g, AII 7i))
6. Chapter 11 Sections 3-4 Date Distributions (SOL'S AII 11a, AII 11b, AII 11c); Chapter 12 Section 3 Permutations and Combinations (AII 12)
7. Review for SOL Test and Final Exam

RULES AND EXPECTATIONS

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

<u>BE POLITE</u> - 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

<u>BE PREPARED</u> - bring notebook, folder, **PENCIL**, textbook, and assignments to class - NO PASSES TO LOCKERS - homework WILL be checked daily

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

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

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

<u>QUIZZES AND TESTS</u> - these will be announced

<u>ABSENCES AND LATE WORK</u> – 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.

<u>MATERIALS</u> - One large notebook for notes and assignments

- Folder(s) for keeping tests and quizzes as returned

- **PENCILS** with erasers

- Desmos online calculator

<u>GRADING SCALE</u> - 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.