ALGEBRA I SYLLABUS
Chincoteague Combined School
Mrs. Karen Joy D. Rodelas
karenjoy.rodelas@accomack.k12.va.us

"In order to succeed, your desire for success should be greater than your fear of failure."

- Bill Cosby

COURSE DESCRIPTION

This is a fast paced course designed to introduce students to the fundamental theory and structure of algebra. It is a prerequisite for Geometry and Algebra II. The content of the course includes: the study of the four fundamental operations with rational numbers, the study of solving equations, systems of equations, inequalities, quadratic equations, and verbal problems, the study of graphing functions and the study of polynomials. A graphing calculator will be used extensively in this course.

Supplies:

- Notebook
- Pencils
- Folders for Compilation of Tests and Quizzes

Grading Scale: The county-wide scale will be used.

- Test 40%
- Quizzes & Projects 30%
- Classwork 20%
- Homework 10%

PLANNED COURSE OUTLINE
Algebra 1 Part 2
1. Chapter 4 Systems of Linear Equations and Inequalities
   ➢ (SOL'S A1a, A1b, A4d, A4e, A5b, A5c, A5d, A6c)
2. Chapter 6-1 Exponents and Exponential Functions
   ➢ (SOL'S A2a, A3a, A3b, A3c)
3. Chapter 7 Polynomials and Factoring
   ➢ (SOL'S A1a, A1b, A2b, A2c)
4. Chapter 8 Quadratic Functions
   ➢ (SOL'S A4, A7)
5. Chapter 9 Radical Expressions and Equations
   ➢ (SOL'S A3, A.3abcd, A2, A8)
6. Review for SOL Test

Class Policies and Expectations:

Learn to follow classroom procedures/routines.

➢ Attend class on time, enter the room quietly and go directly to your assigned seat.
➢ Read the agenda, complete the bell ringer, and have homework out on the desk.

Be kind to everyone.

➢ Be kind and respectful to classmates and the teacher.

➢ Practice good manners and be polite in all interactions especially during instruction, individual practice, and group activities.

Be prepared when you enter class.

➢ Come to class prepared with all necessary materials.
➢ Bring your notebook, pencil, textbook and assignments to class. Homework will be checked daily.

Demonstrate Responsibility.

➢ Turn in homework/assignments on **time**. Assignments will be announced when assigned and posted. You are responsible for your missed work. Be engaged and participate.

Practice.

➢ Complete all classwork and homework assignments – study for all test and quizzes.
➢ YES, it is possible to study MATH!!

Quizzes and Test

➢ Will always be announced.

Bathroom Passes/

➢ Bathroom passes will be given as requested/students must sign the sign out sheet and must leave their cell phone in the room and may be collected upon returning.

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.

Parents are encouraged to sign up for Remind as well as getting their PowerSchool password. This will allow you to monitor your child's progress. Please feel free to contact me with any questions or concerns.

Let's work together to have a fantastic year and strive to do our best in Algebra!

Yes! My child and I have read over the syllabus. We are also aware of how to contact Mrs. Rodelas and how to access her website for additional information.

Student Signature: _____

Parent Signature: _____

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Part I
7. Chapter 1 Expressions, Equations and Functions
   - (SOL'S A1a, A1b, A4a, A4c, A4e, A5a, A5c)
8. Chapter 2 Linear Equations and Inequalities
   - (SOL'S A1a, A1b, A6a, A6b, A6c)
9. Chapter 3 Linear Functions
   - (SOL'S A1a, A1b, A6a, A6b, A7a, A7b, A7d, A7e, A7f, A9)
10. Chapter 4 Systems of Linear Equations and Inequalities
    - (SOL'S A1a, A1b, A4d, A4e, A5b, A5c, A5d, A6c)

Part 2
11. Chapter 6-1 Exponents and Exponential Functions
    - (SOL'S A2a, A3a, A3b, A3c)
12. Chapter 7 Polynomials and Factoring
    - (SOL'S A1a, A1b, A2b, A2c)
13. Chapter 8 Quadratic Functions
    - (SOL'S A4, A7)
14. Chapter 9 Radical Expressions and Equations
    - (SOL'S A3, A.3abcd, A2, A8)
15. Review for SOL Test

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