**Elkins High School**  
**Algebra I Syllabus 2023-2024**  
 **Mr. Albert Thomas**



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**Course Overview**  
 I am excited for your student to join me in Algebra 1 this year. Algebra 1 is a yearlong course that concentrates on the development of algebraic fluency. This course serves as a foundation for all higher-level math courses. It focuses on the development of functions and the understanding of functional relationships. Students participate in developing tables, graphing, algebraic prediction and analysis, linear, quadratic, and exponential equations and their graphs using appropriate technology. Additionally, this course includes the foundational skills of algebraic thinking, symbolic reasoning, and the underlying mathematical processes. Students will take an Algebra 1 STAAR End of Course (EOC) test in early May. Passing the Algebra 1 EOC is required for graduation. Passing this course is not only required for graduation but is also a pre-requisite for enrolling in Chemistry. Your student will receive an awesome foundation for their high school mathematic courses, and I am ready to help your student overcome any math fears and gaps from the past.

**Units of Study:**

* Exploring Functions
* Solving Linear Functions, Equations, and Inequalities
* Graphing and Writing Linear Functions
* Systems of Linear Equations and Inequalities
* Operations of Polynomial functions
* Graphs of Quadratic Functions
* Solving Quadratic Equations
* Exponential Functions

**Grading Policy**

Grading procedures follow the district guidelines which require at least 3 major grades (50%) and at least 9 daily grades (50%) each 9-week grading cycle. Daily work may include warm-ups, quizzes and Concept checks, in-class assignments, and homework. Major grades include unit tests as well as projects and other assessments.

**Class Work/Homework**

Class work/Homework is an essential part of this course. Algebra is not a spectator sport- we want to see you engaged and capturing those math problems by solving them. You must show work on all assignments. Homework will be used to take notes for future lessons and as practice; however, some homework assignments may be taken for a grade.

**Tutoring**

**ABSENCES AND MAKE-UP WORK**

Algebra 1 is a quick-paced and rigorous course and attendance is an important part of success in this course. Unit Plans with assignment calendars. If a student is absent, it is the student's responsibility to obtain any class notes and work that was missed, complete it, and turn it to receive credit for that assignment. Any make-up tests or quizzes due to an absence will need to be scheduled with the teacher. When a student is absent on the day of a test because of an extracurricular activity, the student will need to arrange to take the test when they return to class.

**LATE HOMEWORK POLICY**

Late Homework will be graded as follows: 1 Day Late = 10 pts off, 2 Days Late = 20 pts off, 3 Days Late = 30 pts off, and after that, maximum of a 50.

**ASSIGNMENTS/TEST DATES:** A calendar with test dates will be sent home for each unit. Please also utilize Schoology and parent communication e-mails for dates of assignments.

**MATERIALS/SUPPLIES:**

-A 1.5” 3 ring Binder or larger

-Binder Dividers

- Loose leaf paper in the binder

-pencils

-TI-Nspire CX calculator (suggested for use at home)