



Dickinson High School Course Syllabus



Algebra 1

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Conference: 4th period
Tutorials: Tuesday and Thursday 3:00 -3:30 pm

Materials Needed:

- AVID Binder
- Standard Notebook Paper
- Plenty of #2 Pencils
- Box of Tissues or Hand Sanitizer

Course Description: Algebra 1 includes concepts, skills and applications of mathematics that includes the use of letters and other symbols to build the critical thinking skills that will prepare students for future success. Students will explore real-world problems involving linear, exponential and quadratic relationships. Problems will be solved numerically, graphically, and algebraically. The units are as followed:

- Unit 1- Writing and Solving Equations and Inequalities
- Unit 2- Properties of Functions and Slope
- Unit 3- Graphing and Writing Linear Functions
- Unit 4- Regression and Linear Inequalities
- Unit 5- Systems of Equations
- Unit 6- Exponents and Polynomials
- Unit 7- Factoring
- Unit 8- Solving Quadratics
- Unit 9- Graphing Quadratics
- Unit 10- Writing Quadratics and Applications
- Unit 11- Quadratic Regression and Exponential Functions

Grading Policy: All nine-week averages shall be calculated on a percentage system for each category of assignments.

Formative Assignments/ Assessments 50%

- Assignments in this category may include: class work, class participation, homework, notes, quizzes, and other similar assignments.

Summative Assessments (Major Grades) 50%

- Assessments will include: unit test, projects, 9-week curriculum based assessments, and other similar assignments.

Daily Work/Homework/Late Work: Assignments will be made daily, as practice is essential to student success in mathematics. Any assigned classwork not completed, becomes homework. If a student does not turn in an assignment on the assigned due date it is considered late. The following shows the penalty for late work:

| | |
|-------------|--------------------------------|
| 1 day late | Highest grade possible is a 70 |
| 2 days late | Highest grade possible is a 50 |
| 3 days late | No longer accepted |

Absences: It is important that you attend class every day, as the topics build on each other daily. In the event you are absent, it is **your responsibility** to make-up all work as soon as possible. For each day out, you have one day to make up missing work.

Electronics: All unauthorized electronic devices (phones, ipads, gaming devices, headphones, etc.) should not be visible and are not allowed to be used during class time. Students will not have earbuds or headphones in during class instruction or during exams. Unauthorized devices will be confiscated and returned either at the end of the class period or the end of the school day.

If a phone is found in the student's possession during a test or quiz the student will receive a zero on the assessment.

- **On a testing day, the day will be treated as if it were STAAR and students will be required to turn in phones and other electronic devices to the teacher in order to take the test and prepare for STAAR.**

Calculators: For applicable assignments, a TI N-Spire will be provided. Each student will have an assigned calculator to use during the class period. If something were to happen to the calculator, the student is to report it to the teacher immediately. If a student causes any damage to the calculator, they may be responsible for replacing it or paying a fine of \$120.00.

Classroom Expectations: Be on time, on task, and on a mission.

- **On Time** - Students need to be in their desk with supplies ready when the bell rings.
- **On Task** - Students need to be actively working and following teacher directions in class.
- **On a Mission-** Students need to practice and study to be ready to take on what the future has to offer. **MISSION POSSIBLE - MASTER ALGEBRA 1**

Students will receive an extra daily grade of a 100 if the parent/guardian signs up for the classroom REMIND. Parents need to sign up for the remind by August 28, 2020.

REMIND CODE: _____