HONORS ALGEBRA 1
Mr. Sleeth
COURSE SYLLABUS

COURSE OVERVIEW & INSTRUCTIONAL GOALS

In this course you will be learning and building upon variable included expressions and equations. The concepts involving variables would include functions, graphing, solving, and analyzing.

At the end of this course, you will be able to:
- Solve Equations/ Inequalities (Linear and Quadratic)
- Identify, graph, and model Functions (Linear, Quadratic, and Exponential)
- Solve systems of equations and inequalities
- Simplify exponential and polynomial expressions
- Factoring Polynomials

NEEDS AND RESOURCES

Prerequisite courses, knowledge, and skills:
To successfully complete this course, you must be proficient at:
- Fractional and Decimal Operations
- Percents
- Finding the Least Common Multiple and Greatest Common Factor
- Order of Operations
- Divisibility rules
- Integer Operations
- Exponential Properties
- Solving equations in one variable
- Plot points (x,y) on a coordinate plane
- Distributive Property

Required Materials
- Notebook for storing handwritten notes
- Writing implement (preferably pencil) / Blue or black pen is acceptable
- Graphing or regular writing paper

Print/Online Resources
- Online textbook: http://my.hrw.com or a hard copy text book is provided if needed or desired. Textbooks are provided during class time.

Online Resources:
- Online textbook and student resources are located at http://my.hrw.com

COURSE SCHEDULE

We will be going through the book sequentially from starting from Chapter 1. Some sections may be combined with the next section or skipped, depending on the direction of the class or the required emphasis on certain concepts. Students will spend 1 or 2 days per section working individually or in groups. Quizzes will be given usually after 2 or 3 sections, and tests will come at the end of each chapter. Major quizzes and tests will be announced. Small quizzes may not be. *This course is different than the regular Algebra 1 in that you will tackle more application based problems and explain your thinking to both students and teacher. No notes on quizzes and tests are allowed. Calculator use will be based on the concepts being tested*

POLICIES AND PROCEDURES

Classroom Rules & Procedures:
- Each student will be given an assignment log sheet that has all the assignments for the quarter on it. Feel free to work ahead. Each assignment will be worth 20 points and will be graded upon heading, neatness, and either completion/work or correctness. Look at the assignment rubric for more detail. Points can also be deducted for cell phone violations.
- If you are absent and need more than one day to do the assignment, the teacher may approve and sign the top of the paper as verification of the granted extra time. You must do this for every extra day needed. No points will be lost. Late assignments, however, will be deducted 50% up to one week. After a week no more than 25% will be given.
- Each student will be given a folder to keep their graded assignments, quizzes, and tests

Grading Policies and Grading Scale:
Quarter grades are determined by: daily work (15%), quizzes (30%), and tests (55%). It is important, therefore, that you give adequate time to prepare for each quiz and test. The grading scale is based on the school's honors scale that affects their GPA.

ADDITIONAL INFORMATION

CELL PHONE POLICY:

As cell phones become more advanced they have also become difficult to use appropriately during class hours. With the temptation and struggle of catching students using phones, I will be providing a place for students to choose to put their phones. If a student chooses not to turn in their phone, and I catch them with it out without permission, then I will do one or more of the following: take points off their assignment, collect the phone till class/school day ends, email/call the parent, write a referral to admin.

CONTACT INFORMATION
- Mr. Sleeth
- Room B103
- Office hours: 2:30-3:00 or by request
- wsleeth@fhusd.org

Student Signature: _____

Parent Signature: _____

Does the student have internet/computer access at home? _____

Does the student have a cell phone? _____