Welcome to Algebra 1!

Mr. Rychcik
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Welcome to the new school year, we are looking forward to an enjoyable and successful year. Below is more about the course as well as our expectations:

Course Description: This is a full year Algebra course designed to prepare students to take the Algebra 1 Regents exam in June. Topics include Equations, Expressions, Inequalities, Functions, and Statistics.

Academic Fraud, Plagiarism and Cheating: Plagiarism is the practice of copying words, sentences, images and/or ideas for use in written or oral assessments without giving proper credit to the source. Academic dishonesty also involves the portrayal of someone else's work as one's own when such citations are inappropriate to the assigned task. Cheating is defined as giving or receiving illegal help on anything that has been determined by the teacher to be an individual effort. Academic dishonesty is a serious offense and will result in consequences which can significantly affect a student's course grade. See the Student Handbook for additional information.

Attendance: Class attendance requirements are in accordance with the James I. O'Neill Attendance Policy and the Eligibility Policy. School policy dictates that students who miss class for unexcused absences (to school or the period itself) may receive a zero for any work due or assigned during that class period. Additionally, assignments which require class participation may be negatively impacted by student absences. Consequently, regular and prompt class attendance is essential to the student's educational experience. Lateness to class will result in a consequence. <u>If you are absent from class, it is your responsibility to get the notes and complete the missing work.</u> If you are absent the day of a quiz/test, you will take it the next class period you are present.

Classroom Expectations: Be ready to learn each day. Get to class on time with your notebook, pencil, calculator, and assignment(s) due that day. Expected behavior is based on respect for others. All classroom rules correlate with the James I. O'Neill Student Code of Conduct.

Calculators:

This class will be taught using the TI-83 or **TI-84 Plus (recommended)** graphing calculator. There is a class set of calculators available which may only be used in class. Calculators are needed for homework assignments. Therefore, the purchase of your own calculator is *strongly suggested*. This model calculator will be used for the next 3 years of Math, for SATs and ACT exams, as well as for college math courses.

Materials:
- Math Binder
- Looseleaf
- Folder
- Pencils with erasers
- TI-83/ TI-84 Plus Graphing Calculator

Grading: Student performance is measured in a variety of ways including participation, observed effort, classwork, homework, quizzes, and tests. Classwork can only be made up within one week of your absence.   Grades will be based on the following percentages. The subdivisions are as follows for each Quarter:

      20% - Tests- Long Assessments, covering entire units and
            big ideas
      20% - Quizzes- Shorter assessments, less than a period in
            length, covering skills and understanding
      20% -   Classwork/Labs- Longer in class and homework
            assignments, details upon assignment
      20% - Homework/Class Participation- Turn in homework on
            time and completed, show up with a can-do-attitude

Course Grade (Overall)
    20% - Quarter 1
    20% - Quarter 2
    10% - Midterm- Local Midterm
    20% - Quarter 3
    20% - Quarter 4
    10% - Common Core Regents Exam- Counts as the Final Exam grade.

Extra Help: Extra help is available Tuesday-Friday after school 1:54-2:24. Be sure to seek extra help early and often!!

Electronics:There will be no use of cell phones, iPods, MP3 players, iPads, Nexus, etc. during class. If they are out they will be taken away and given to the office. Chromebooks will be used on an as-needed basis. They should be in your backpack/locker unless otherwise specified.

Parent Communication: Progress reports are provided approximately every five weeks. Parents you may contact me by email. My emails is stanley.rychcik@hffmcsd.org.

Course Outline:
Relationships Between Quantities and Reasoning with Equations and Their Graphs
   Unit 1: The Building Blocks of Algebra   (14 Days)
   Unit 2: Linear Expressions, Equations, and Inequalities   (19 Days)
   Unit 3: Functions   (10 Days)
Linear and Exponential Functions
   Unit 4: Linear Functions   (19 Days)
   Unit 5: Systems of Linear Equations and Inequalities   (20 Days)
   Unit 6: Exponents   (12 Days)
Polynomial and Quadratic Expressions, Equations, and Functions
   Unit 7: Polynomials   (9 Days)
   Unit 8: Quadratic Functions   (14 Days)
   Unit 9 Roots and Irrational Numbers   (14 Days)
Descriptive Statistics
   Unit 10: Statistics   (15 Days)
Modeling with Equations and Functions
   Unit 11: A Final Look at Functions and Modeling   (5 Days)

*Amount of time spent on each unit are approximations.

Students are required to take the New York State Common Core Algebra I Regents Exam in June.

Algebra I: Rychcik Syllabus

I have read the information and understand the requirements and expectations for this course.

Student Name: _

                (Please Print)

Student Signature: _   Date:

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Parent Name: _

                (Please Print)

Parent Signature: _   Date: