

Algebra 1

Santa Rosa Academy

Instructor Name: Mrs. Myers

Contact Information: smyers@sra.mn 951-672-2400 ext. 5110

Class website: <http://alg1myers.weebly.com/>

Tutoring: Tuesday 2:50-3:30, Tuesday lunch by appointment

Course Description

In this Algebra 1 course, we will indulge in the following:

- Solving Linear Equations
- Solving Linear Inequalities
- Graphing Linear Functions
- Writing Linear Functions
- Solving Systems of Linear Equations
- Exponential Functions and Sequences
- Polynomial Equations and Factoring
- Graphing Quadratic Functions
- Solving Quadratic Equations
- Radical Functions and Equations
- Data Analysis and Displays

Grading Allocation

Assessments: 50%

Assignments: 35%

Final: 15%

Student Responsibility Forms

Student responsibility forms are issued for missing assignments, missing materials, or behavior. The forms will be kept and could result in a detention.

Late Work

No late work will be accepted and work must be shown at all times.

Flipped Classroom

This class will be structured in a flipped classroom model in which students will be required to watch videos via Edpuzzle and come to class with notes prepared. Students may create their own notes but must use the template provided on our class website. To receive credit for these assignments, students must watch the entire video and come to class with notes.

Students will also demonstrate the following Mathematical Practices:

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

Materials

- Loose leaf paper
- Graph Paper
- Pencils
- Correcting pen (any color but black)
- Calculator
- Expo Marker
- Eraser
- Binder or folder for math notes, practice and tests

* Materials must be brought to class by week 2. Not having materials results in a student responsibility form. If you are having trouble obtaining these items, please contact Mrs. Myers as soon as possible.

Student and Parent Signature

I have read the course syllabus and understand what is required of me.

Student Name (printed)

Student Signature

My son/daughter and I have reviewed and understand the course syllabus.

Parent/Guardian Name (printed)

Signature

Any additional information you may wish to share:
