

Algebra 1

2017-2018 SCHOOL YEAR

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Welcome to Algebra 1!!!

I am very excited to be working with each of you this year. It will be an honor to use your strengths to enhance our learning experience. We will work together as a team in pairs, groups, or as a whole class to explore and discover mathematical concepts. I love making math fun and have 12 years of experience teaching high school in courses ranging from Algebra 1 to Advanced Placement Statistics. Utilizing technology as a tool for discovery and encouraging universal participation in classroom discussions are two of my specialties.



Course Description

This course is designed to fulfill the first year Arizona State Mathematics requirements. All topics covered are articulated in the Arizona Mathematics Standards. For more information regarding these High School State Math Standards, please visit the AZ Dept. of Education website <http://www.azed.gov/standards-practices/k-12standards/mathematics-standards/>.

The fundamental purpose of Algebra 1 course is to formalize and extend the mathematics that students learned in the middle grades. The course content will deepen and extend understanding of linear and exponential relationships by contrasting them with each other and applying linear models to data that exhibit a linear trend. Students will also engage in methods for analyzing, solving, and using quadratic functions. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Think Positively!!

In order to create a successful learning environment, students must meet the following expectations:



1. Be Responsible

- Have assignments ready on time.
- Bring charged Chromebook daily.
- Treat the school, the classroom, and all supplies as if they were your own.
- Clean up after yourself.
- Put pride in your work.
- Stay focused for the entire period.
- Keep cell phones off and out of sight.

2. Be Respectful

- Treat others with respectful and caring behavior.
- Use appropriate language.
- Listen, pay attention, and use manners in class.
- Remove hats, hoods, earbuds, and sunglasses in the classroom.
- Be respectful of other students' devices and digital spaces.

3. Be Safe

- Watch what you say; there is a no return policy
- Be a good digital citizen

Materials List

Please be prepared daily with:

- Pen or pencil
- Notebook
- Math folder for assignments
- Charged Chromebook (charge every night)
- Chromebook charger
- Earbuds or headphones
- Scientific or graphing calculator
- Rulers, markers, & highlighters (optional)

Donations gladly accepted (anytime):

- Pencils
- Pens
- Kleenex boxes
- Markers
- Dry Erase markers
- Earbuds
- Graph paper
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Miss School: Miss Out!

A checklist for when you are out

- ✓ Check the assignment board & google classroom
- ✓ Copy class notes from a fellow classmate
- ✓ Get missed assignments out of the class file
- ✓ Make up any missed tests (see Testing section below)
- ✓ **Punctuality Pays: Tardies Don't**
To provide a valuable learning environment for all students, students must be ready to begin work when the bell rings. Bell work is assigned daily and the school wide tardy policy will be followed.

Tutoring: If you need extra help with the math content, there are several opportunities for tutoring. On Thursdays, students can utilize the II period for tutoring in Ms. NoMo's room. A pass needs to be requested on Wednesday. Math tutoring is available after school on Monday, Tuesday, Wednesday, and Thursday from 3:45 to 5:50 pm. Ms. NoMo is also available by appointment at lunch for tutoring.

Making the Grade

Your Algebra 1 grade will be a cumulative grade based on the number of points earned during the semester. Grades will not reset at the end of each quarter. Grades will be reported after each exam based on the percentages below.

Category	Weight
Quizzes/Activities	25%
Tests/Projects	60%
Semester Final	15%

MHS Grading Scale
$90\% \leq A$
$80\% \leq B < 90\%$
$70\% \leq C < 80\%$
$60\% \leq D < 70\%$

Daily Content and Assignments: Daily assignments and activities will be posted in Google Classroom. Some activities utilize a paper handout but most are digital. Some of the digital resources that we will be using are Google docs, sheets, slides, and forms, www.Desmos.com, www.Quizzz.com, www.GoFormative.com, and www.KahootIt.com.

Testing: You will complete a variety of tests, projects, and quizzes throughout the year. You must pass the tests and quizzes in order to pass the class. Tests may be retaken if all assignments are completed, a tutoring session is scheduled and completed, and the test review is complete and correct. A checklist form will be provided. Quizzes will be given both formally and informally. The final exam (worth 15% of the total course grade) may not be retaken.

Student & Parent VUE: Please check Student/Parent Vue (https://genesis.maranausd.org/Login_PXP.aspx) for overall class grade missing tests, quizzes, and activities. Login information can be obtained from the Counseling office.

I have read the Algebra 1 course guidelines and agree to abide by them. Keep this in your math folder.

Student Name: _____ Student Signature: _____

Parent/Guardian signature: _____ Date: _____ Period: _____