Course Overview:
The fundamental purpose of this course is to formalize and extend the mathematics that students learned in their previous courses. Because it is built on the previous standards, this is a more ambitious version of Algebra I than has generally been offered. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions.

Units and Activities: What will we be learning about and doing in this course?
Throughout this course, we will engage with content to build our knowledge and skills. Our primary resource is called Mathematics Vision Project (MVP). MVP student resources are all available online. Below is an outline of the units for this course. They are directly linked to the MVP material for each unit.

- Unit 1: Sequences
- Unit 2: Linear & Exponential Functions
- Unit 3: Features of Functions
- Unit 4: Equations & Inequalities
- Unit 5: Systems of Equations & Inequalities
- Unit 6: Quadratic Functions
- Unit 7: Modeling Data

Standards: What knowledge and skills will I gain by the end of this course?
Anchor Standards: This course will assess the knowledge and skills students build in key Anchor Standards. A student will have multiple opportunities to show their proficiency in the following Anchor Standards.

- Sense Making, the ability to adjust to a problem that is given, and determine the correct skills to apply to solve the presented problem.
- Reasoning, the ability to use mathematical reasoning to prove or explain why something is correct or incorrect.
- Modeling, the ability to show understanding of a given topic in a number of different models.
- Making Use of Structure, the ability to see and use the underlying structure of concepts.
- Recognizing and Using Patterns, the ability to determine patterns of functions to develop a strategy to solve a number of problems.

Content Standards: This course builds student knowledge using the Common Core standards. The course standards for Algebra 1 are: http://www.corestandards.org/Math/
Algebra, Functions, Number and Quantities, Statistics

Habits of Work for Learning: Preparation, Participation, and Perseverance will be assessed on a daily basis. Preparation and Participation will be tied to classroom behavior. Perseverance will be associated with the completion of remote work. Each checkpoint, students will have the opportunity to self-assess these areas using the WUHSMS rubric and I will provide feedback prior to this score report.
Materials: Please bring to each class:
- Charged Chromebook
- 2 pocket folder with graph paper
- Writing utensil, preferably a pencil
- Scientific calculator
- Ruler

Classroom Expectations:
1. Arrive on time, get math materials out, and put your Chromebook in your desk basket until you are told to take it out.
2. Listen and follow directions.
3. Raise your hand to speak during class discussions.
4. Keep your hands and feet to yourself (Maintain social distance).
5. Respect your classmates, your teacher, and school property.
6. You may bring a water bottle and have a snack during your “10 minute mask break”.
7. Cell phones and wireless earbuds are not permitted unless you are told to use them for a class activity.
8. Students may leave the classroom one at a time to go to the nurse, bathroom, office, etc. You must sign out and back in.
9. Wait to be dismissed.

Assessment of Learning:
For information about assessment types, scoring, and overall grade calculation: click here.

Communication:
How Do I Access Work from Home, and What Should I Expect?
- All work will be posted in Google Classroom.
- The work will be explained during our in-person meetings and/or by video posted to Google Classroom.
- The work will also be explained in our Class Planner posted to Google Classroom.
- If you have any questions, email your teacher.

How Do I Know What My Grades Are?
- On Summative Assessments, teachers will provide both a 4-point grade and a letter grade.
- You can monitor your progress in the following ways:
  - By reading feedback and scoring returned to students on summative assessments.
  - By monitoring the scores and Overall Course Mastery Grade in the Parent/Student portal on JumpRope.
  - Reminders to check grades will be sent from the school.
  - Communicating with your teacher if you are unclear.

Where Can I Find This Syllabus during the School Year?
- This syllabus will be available on the school website in each subject’s department tab once the school year is up and running. It will also be available in our Google Classroom.

How Do I See What's Due?
- Assignment and summative assessment due dates with handouts are posted in Google Classroom, with connection to Google Calendar, for student access.

How Do I See What's Past Due?
If a student is missing a grade on an assessment, it will be listed in the red “Missing Assessment” section of the JumpRope Parent/Student Portal along with any attachments. Please contact your teacher if you have any questions.

**Schoolwide Procedures:**
Please see the Student Handbook for Procedures and Policies related to: Due dates and deadlines, extra credit, retaking assessments, and turnaround time for grade entry.

**Personal Mobile Devices:** This class will follow the procedures outlined in the student handbook.