

# Algebra 1 Syllabus

2023

Mr. Sebor

2024



## Topics Covered:

### 1st Quarter: Patterns

Quantities & Relationships  
Sequences  
Linear Regressions  
Linear Functions

### 2nd Q: Constant Change

Solving Equations & Inequalities  
Systems of Equations and Inequalities  
Functions Derived from Linear Relationships

### 3rd Q: Growth & Decay

Introduction to Exponential Functions  
Using Exponential Functions  
Introduction to Quadratic Functions  
Solving Quadratic Equations

### 4th Q: Describing Distributions

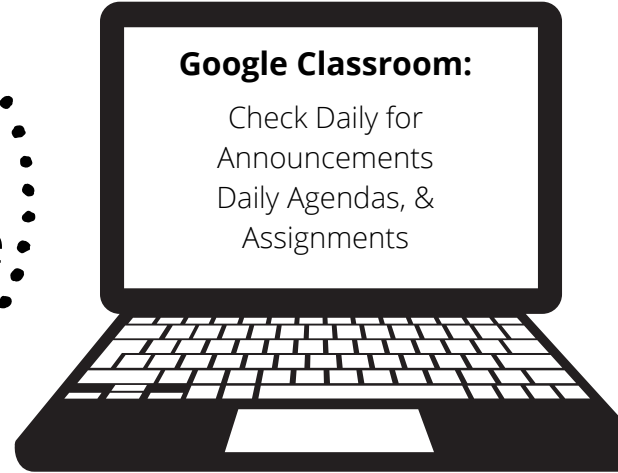
Applications of Quadratics  
One-Variable Statistics  
Two-Variable Categorical Data

All things are  
*difficult*  
before they are  
*easy.*



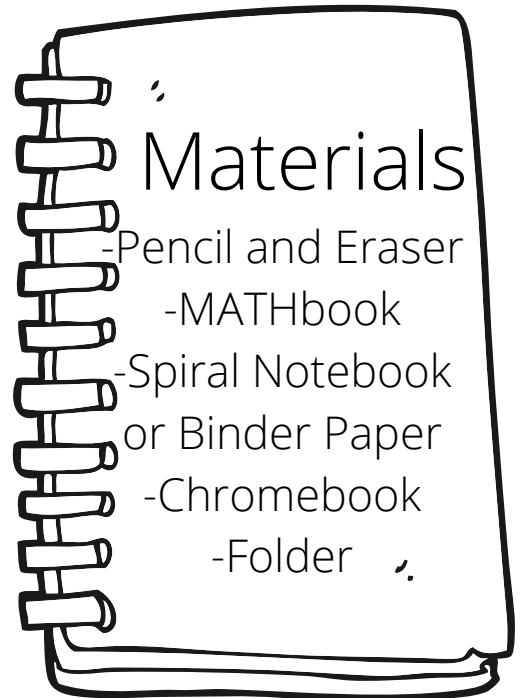
### Google Classroom:

Check Daily for  
Announcements  
Daily Agendas, &  
Assignments



## Materials

-Pencil and Eraser  
-MATHbook  
-Spiral Notebook  
or Binder Paper  
-Chromebook  
-Folder



## Classroom Expectations to Promote Better Learning ↪

- Be here on time, fully prepared, and ready to learn.
- Be respectful to yourself, to your peers and to staff.
- ALL cell phones must be in the holder during class.



Have a question? E-mail me!



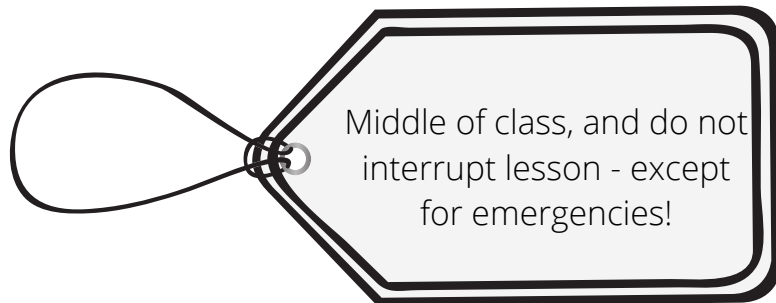
tysebor@paps.net

# Participation

- Contribute to the conversation;
- Make thoughtful contributions & take an interest in your colleagues' input;
- Participate actively in all group work



# Hall Pass



• How will I be Graded? •

## 5% Homework

Independent practice is critical to ensure lessons are retained as long term memories, which you need to succeed on any assessments!

Grades based on demonstrated effort as well as actual completion.

*Full credit only if work shown, not just a list of answers.*

## 35% Classwork

Classwork will consist of two components:

1. **Assignments** (textbook/worksheets/Google Classroom)
2. **MATHia** (computer based program)



Concept Builders



Mastery Workspaces

All assignments and MATHia will have a specific due date at 11:59 P.M.

\*10 points will be deducted any assignment is turned late.

\*Half credit will be given to assignments turned in after the topic test

## 60% Assessments

Every few lessons will have a quiz, 1-2 times a week.

After each topic full assessments (Tests) will allow students to demonstrate learning.

Tests will always be announced in advance and the day before we will usually have a review session.

Projects will be assigned in advance and time will be given in class.

Importantly, there will be times when students are expected to do some work at home.

*Math* may not teach us how to  
add *love* or subtract *hate* but it  
gives us every reason to hope that every  
problem has a *Solution.*

"Curiosity is the key to  
problem solving."

-Galileo Galilei