

# Math 1

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Required text :

enVision Integrated Mathematics 1 < Pearson >  
Digital text - PearsonRealize.com

## Course Description

Math 1 is the first course of a three-year sequence of integrated math courses that incorporate the new state standards and Practice Standards in Mathematics. The purpose of Math I is to develop students' ability to think mathematically and develop their conceptual understanding of mathematics and procedural fluency in mathematics. Math I will extend the mathematics students learned in earlier grades and begin the development of concepts in Number and Quantity, Algebra, Functions, Modeling Data, Geometry, and Statistics.

The critical topics of this course are:

### **Semester 1**

Topic 1: Solving equations and inequalities  
Topic 2: Linear equations  
Topic 3: Linear functions  
Topic 4: Systems of linear equations and inequalities  
Topic 5: Piecewise functions

### **Semester 2**

Topic 6: Foundations of geometry  
Topic 7: Parallel and perpendicular lines  
Topic 8: Transformations  
Topic 9: Triangle congruence  
Topic 10: Statistics

## Grading

Students earn their own grades. Each assignment is worth a certain amount of points and given a percentage grade. Grades are posted on the student and parent aeries portals. The percentage breakdown is as follows :

Assessments (tests, quizzes, final exam) : 80 %  
Assignments (homework, classwork) : 20%

## Highly Recommended Supplies

Spiral notebook with graph paper  
Scientific calculator  
Pens/pencils/highlighters

## **Tutoring**

I am available for tutoring Tuesday through Friday from 7:15am – 7:40am. It is important that students communicate with me regarding tutoring on a certain day so that I do not leave my classroom during that time. Students can email me the day before or let me know during class.

## **Classroom Rules and Policies**

- 1) School rules and policies are in effect during class.
- 2) Phones and/or other electronic devices must be out of sight during class. If there are times we require usage of phones, I will be informing students in class.
- 3) Having a safe and enjoyable classroom environment is very important to me. I encourage students to participate in inquiry and dialogue, and to feel safe doing so.

**< COMPLETE THE BOTTOM PORTION AND HAVE YOUR CHILD RETURN IT TO ME THE NEXT CLASS >**

## **Signatures :**

We, student and parent(s), have read this syllabus and understand the classroom guidelines and policies.

Period : \_\_\_\_\_

\_\_\_\_\_  
Student name

\_\_\_\_\_  
Student signature

\_\_\_\_\_  
Parent/guardian name

\_\_\_\_\_

Parent signature

Date