

Course Title: Math 8
Instructor: Mrs. L. Martin
EMAIL: Loni-Martin@scusd.edu
(Please place student's name and period in subject line.)

Text: "Big Ideas Math, Course 3: A Common Core Curriculum"
by Big Ideas Learning, 2015

Syllabus

Course Overview:

Math 8 is a rigorous mathematics course designed for 8th graders at Sutter Middle School. Placement in Math 8 is dependent on student's performance as a 7th grader.

Course Goals:

In grade eight, instructional time will focus on the following critical areas:

- A. formulating and reasoning about expressions and equations, including modeling an association in two variable data with a linear equation, and solving linear equations and systems of linear equations;
- B. grasping the concept of a function and using functions to describe quantitative relationships;
- C. analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence and understanding and applying the Pythagorean Theorem;
- D. working towards fluency with solving simple sets of two equations with two unknowns;
- E. developing students' reasoning and problem solving strategies so that they can apply these concepts to solve many different types of problems;
- F. developing students' skills in studying and learning independently and as a team member;
- G. developing students' skills in communicating orally and in writing

Course Units:

CH 1 - Equations	CH 7 - Real Numbers & the Pythagorean Theorem
CH 2 - Transformations	CH 8 - Volume and Similar Solids
CH 3 - Angles & Triangles	
CH 4 - Graphing & Writing Linear Equations	CH 9 - Data Analysis & Displays (limited coverage)
CH 5 - Systems of Linear Equations	CH 10 - Exponents & Scientific Notation
CH 6 - Functions (limited coverage)	

Grading: Grades based upon:

Academic:	A	90 - 100%	Unit Tests/Final Exam	30%
	B	80 - 89%	Quizzes & Projects	20%
	C	70 - 79%	Homework & Khan Academy & Delta Math	30%
	D	60 - 69%	Classwork	20%
	F	50%		

Citizenship: classroom conduct, attendance, willingness to learn and participate.

Classroom Agreements:

1. Treat others with respect.
2. Come to class prepared to work with notebook and materials. (All work is to be shown and completed in pencil, with exception of art work.)
3. Follow classroom and school rules.

** Consistent attendance will be very crucial to the student's success due to the type of work done in class.

Tutoring is available 2:35-3:00 Mon/Wed.; lunch daily. Attend Study Hall M-Th 7:35 - 8:05 am

Homework & Communication of Progress:

In order to facilitate continuous communication, you will be sent a "Missing Assignments Report" home via IC periodically, and messages via Remind. I'd recommend that you ask your son/daughter to show you their Infinite Campus online as often as you feel is necessary.

In addition, I will send "Parent/Grade Report" to be signed and returned (it is worth 100 pts. and every school day that it is late it will lose 10%); comments and concerns are welcome. If you have not seen a parent report or are wondering, please check Infinite Campus. I welcome your emailed questions/concerns once you've checked his/her grades. Next, check your student's backpack as they frequently have the distributed reports.

Anticipate homework a **minimum of 4 nights a week**. Homework is due **daily**. Homework must be **legible in pencil**; otherwise it will have to be rewritten to receive credit. Incomplete/incorrect assignments may be completed over the weekend and will be accepted for partial credit; extended time is available with approval. A parent/guardian's signature indicates that you are monitoring your student's progress on turning in assignments, tests and/or quizzes and indicates that you have seen the current homework assignment once it has been graded. **Suggestion:** Find a study buddy and exchange phone numbers. Remember, the class continues to work and learn even if you are absent.

Important: Save all papers **graded or not**.

Assignment logs will be collected on the day of tests and are NOT accepted late.

Test Corrections

(You can earn $\frac{1}{2}$ of the points missed to increase your grade when you do the following on a **separate piece of binder paper**.)

- Write out the problem & show work done correctly.
- Explain what you were supposed to do **and** what mistake you made.
- Staple the corrections on the front of the original test along with a parent signature **on the original test**.

How to help your student be successful:

One of the best ways to help your student is to actively participate in their education.

- You can access duplicate handouts on Infinite Campus
- On a daily basis, ask them to **SEE their notes and/or homework** (an answer to the question, "Did you finish your homework?" isn't enough).
- Periodically, ask them to **explain one thing they learned** in class; they should be able to verbalize what they are in the process of learning.
- Lastly, I welcome parents to **stop by**. A note sent a day ahead with your son/daughter (or email) will give me a chance to let you know if I have a prescheduled meeting so your valuable time isn't wasted.
- Making phone calls can be challenging; I would prefer email. However, another quick method is to send a note via your son/daughter's "Agenda". Please expect a response on the note within a day, more often than not, a response will be sent immediately back home.
- Encourage your son/daughter to **do all of their Test Corrections** as it will affect their grades.

Students may desire to keep a folder at home with returned assignments for a variety of reasons:

- binder becomes too full
- back-up to my records
- binder is lost and/or damaged

Shopping List:

*** 1" Clear View binder and a minimum of 5 dividers** (w/pockets would be nice) marked and arranged:

- WU (Warm Ups)/CW (Classwork)/FP (Fact Practices)
- Notes
- Homework/Khan Academy/Delta Math
- Tests & Quizzes
- Graph Paper & Extra Paper (8.5 x 11 College ruled binder & graph paper, NO spiral edges please)

*** 1 or 2 subject Spiral Notebook (**Important:** 9x11" college ruled) or Composition Notebook**

*** Wish List:**

- Anti-bacteria Wipes, Kleenex Tissues, Individually Wrapped Small Candy and/or Colored Reams of Paper Card Stock

I hope that your student will have an excellent year at Sutter. To do this, I need the support of both student and parents. My intention is that by the end of the year my students will not only be challenged to think about the math they are doing but also understand it. To accomplish this, I would like both my students and their parents to have reviewed the above information. In advance, I thank you for your support this year and look forward to meeting the parents of all of my students at "Back to School Night", **Tuesday, Sept. 13, 2022 from 6:00 - 7:35 pm w/food trucks at 5 pm**, so please put it on your calendar & look for a phone call reminding you of the date.

(Please keep the class syllabus in the front of your binder for reference.)

Period _____

I have reviewed the class syllabus with my teacher and I realize the things I must do to be successful in math. I promise to do my best. If I need help, I will make the effort to see my teacher, ask my parents and/or go to tutoring.

Student's Signature: _____

Print Full Name: _____ Date: _____

I have reviewed the Syllabus for Math 8 with my child and I will help monitor his/her progress in math. I will take time to review his/her work daily. I will also make sure that my child has all the proper supplies needed for this class in order to succeed.

In addition, **I understand that if the issued textbook and/or workbook is lost or damaged, a fee will be charged** to the student for replacement. The student will not be issued a replacement book until the fee is paid or arrangements have been made for payment.

Parent/Guardian's Signature: _____

Please Print Full Name: _____

Date: _____ Home Phone: _____

E-mail: _____

Day/Cell Phone: _____ (parent 1 name) _____

Day/Cell Phone: _____ (parent 2 name) _____

(Please indicate (*) which number would be the best way to contact you.)

Return to Mrs. Martin, no later than Monday 9/19/22