

Syllabus

Welcome to Math 2!!

**My name is Mr. Sweeney. I am looking forward to a fun-filled year of hard work and plenty of learning. Should you need to contact me, please do not hesitate to call, email, or stop by. I do my best to be at school by 7:30am and leave by 4pm.

**It is my goal to help you achieve your highest level of competency possible this year in math. Competency in the math classroom begins with the mastery of the concepts, skills and technology of the subject at hand.

**There are many resources available to you as you increase your understanding of the subject of mathematics. This year you will be learning math through a problem-based approach. In addition to cooperative class work and individual homework, you can access Desmos.com and Khanacademy.org online.

Ultimately, your success in the class will depend upon your desire to achieve and the effort that you are willing to employ. I encourage you to talk with me this school year about any questions or concerns related to the learning we are about to embark upon together.

Help!

The most important things you should do, before you get too far behind is come to class every day, do all the examples and class work in class, start your homework **ON THE DAY IT WAS ASSIGNED**, have your homework questions ready before you come to class (or ask them at lunch before the next class) and **ASK QUESTIONS BEFORE IT'S TOO LATE!**

Contact Information:

Room H-109
Voice Mail: (707) 837-7767 x 2300
Email: msweeney@wusd.org

CPM E-Book:

In addition to a hard copy of the text, you will also have access to an e-book. Below is the site and login information.

ebooks.cpm.org
Username: sweeney2
Password: student

Absence Policy:

- Due to the reality of covering new material in class *everyday*, it is vital that you avoid absences as much as possible.
- If you are absent on a Test Review day you will still take test as scheduled.
- If you are absent for a test, you have **ONE WEEK** to make it up. You must schedule with me, I will not track you down. After one week it becomes a zero

Student Required Supplies:

- 1-2 inch binder or spiral notebook with graph paper.
 - Classwork
 - Homework
 - Toolkits
 - Team Tests
- Scientific Calculator (You will NOT be allowed to use your phones on tests, no exceptions!)
- Pencils

Optional But Useful Supplies:

- Ruler or straight edge
- Pencil sharpener/erasers
- Graphing Calculator (TI-84 plus) to be used throughout High School, PSAT and SAT (They are expensive compared to scientific, however necessary for higher math classes and college!)

Homework Policy:

- Homework benefits you and shortcuts will shortchange you.
- Homework is completed on GRAPH PAPER!
- Homework is due the next class unless otherwise stated.
- Full credit will only be awarded for work that is on time and demonstrates effort to complete the assignment (show ALL work)
- All homework must be completed in pencil. Mistakes are encouraged and are easier to erase than white out!
- Late homework will be accepted up to the day of the unit test.

Cell Phone/Electronics:

- Cell phones will be turned in at the beginning of class in exchange for a calculator. NO CELL PHONE USE WILL BE PERMITTED.
- They will be stored in a calculator holder behind my desk. Students can return their calculator at the END of the block and claim their phone.
- If there is a medical need OR a personal reason for having your phone on a particular day it needs to be communicated to me BEFORE the start of class and by a parent.

Content Covered:

- Exploring Algebraic and Geometric Relationships
- Justification and Similarity
- Probability and Trigonometry
- Factoring and More Trigonometry
- Quadratic Functions
- More Right Triangles
- Proof and Conditional Probability
- Polygons and Circles
- Modeling with Functions
- Circles and More
- Solids

GRADES

YOU AND YOUR PARENTS ARE ENCOURAGED TO CHECK JUPITER GRADES REGULARLY

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|-------------------------------|-----|
| Classwork/Homework | 25% |
| Team Tests/Participation Quiz | 20% |
| Individual Tests | 35% |
| Final Exam | 20% |

Assessments:

Team Tests: A test will be given at the end of each unit. Students will be able to use their self-made tool kit when testing. Students will take team tests, for which will be graded based upon completion and thoroughness of corrections.

Individual Tests: Students will take individual tests, for which grades will be based upon a traditional 100-point scale. Since a large portion of your grade depends upon your test scores, it is important that you keep up with the assignments and seek help when you do not understand the concepts. You are allowed ONE test retake per-semester. It must be taken within two weeks of the original test date!

Final Exam Final exams or presentations will be due at the end of each semester. The second semester final will cover material from the entire year.