



John F. Kennedy High School

Math II Course Syllabus

Sarah Lanning

1.	COURSE, TITLE AND UNITS	
	Math II (Two semesters; 5 units each semester; 10 units total)	
2.	GENERAL INFORMATION	
	Term and Year:	2016-2017
	Instructor:	Sarah Lanning
	Website:	www.mathopensdoors.weebly.com
	Class Room:	C-312
	Phone Number:	(916) 395-5090
	Email Address:	Sarah-Lanning@SCUSD.edu
3.	TEXTBOOK AND/OR REQUIRED READINGS	
	Common Core State Standards, Mathematics II, Integrated Pathway. Walch.	
4.	GENERAL OVERVIEW	
	<p>Math II continues student's study of topics from algebra, geometry, and statistics in a problem-centered, connected approach. Functions and algebraic representations of geometric concepts are the principle topics of study. Students will be expected to describe and translate among graphic, algebraic, numeric, tabular, and verbal representations of relationships and use those relationships to solve problems. The new Common Core high school standards call on students to practice applying mathematical ways of thinking to real world issues, prepare students to think and reason mathematically, and emphasize mathematical modeling.</p>	

5.	COURSE OBJECTIVES
	<p>This program includes all the topics addressed in the CCSS Integrated Pathway:</p> <ul style="list-style-type: none"> ● Extending the Number System ● Quadratic Functions and Modeling ● Expressions and Equations ● Applications of Probability ● Similarity, Right Triangle Trigonometry, and Proof ● Circles With and Without Coordinates
6.	COURSE REQUIREMENTS, ATTENDANCE AND SPECIFIC GRADING POLICY
	<p style="text-align: center;"><u>Course Requirements</u></p> <p>Homework-20%</p> <p style="padding-left: 40px;">Homework Journal - 10%</p> <p style="padding-left: 40px;">Discussion Board Entries - 10%</p> <p>Assessments-80%</p> <p style="padding-left: 40px;">Daily Assessments - 30%</p> <p style="padding-left: 40px;">Tests and Quizzes - 40%</p> <p style="padding-left: 40px;">Semester Final Project - 10%</p> <p style="text-align: center;">Homework Journal - 10%</p> <p>Homework for this class will be done in our journals (ie. your composition notebook). Journals prompts will be assigned daily and responses should be adequately address the prompt (more detail will be given). During the warmup the following day, journals will be stamped to indicate that you have completed the assignment on time. Journals will be collected every other Friday for grading. Journal entries that have been stamped (on time) will receive 2 points, journal entries that have no stamp (late) will receive one point, missing entries will receive zero points.</p> <p style="text-align: center;">Discussion Board Entries - 10%</p> <p>Each month there will be a discussion board assignment on our online discussion board. You will be required to create an original response to the discussion prompt as well as respond at least twice to your peers. Original responses should meet a minimum of four sentences and each peer response should meet a minimum of two sentences. Discussion boards will be open until midnight of the 15th of each month. The new discussion will open on the 16th. For example, our discussion for</p>

September is open. Your posts are due by September 15th. On September 16th, the discussion due October 15th will open. Early posts are encouraged. Each month your responses will be graded out of 10 points (a rubric will be given). Absence will not be accepted as an excuse for missing a discussion board entry and these points may not be made up.

Daily Assessments- 30%

Points will be earned daily (maximum 5 points per day) and entered weekly (maximum 25 points per week). Points awarded will reflect the quality of classwork, level of engagement and overall student conduct. Students can earn full points by engaging in classwork (including warm ups, notes, small class projects, discussions, clozes, etc.). Points may be lost for substandard work, being tardy, off task, excessive bathroom passes, etc.

Tests and Quizzes 40%

Tests will always be announced. Quizzes may be announced or unannounced. All tests and quizzes may be retaken if corrections to the original exam have been made and the student has demonstrated (usually through tutoring) the learning necessary to guarantee a successful retake.

A final will be weighed into this category, but retakes will not be permitted due to time constraints.

Semester Final Project - 10%

Each semester will conclude with a performance assessment that will consist of work done in and out of class. More information on this will be given as it approaches.

Attendance

Everyone misses a day here and there, and should (don't come to school if you're really sick!). Chronically poor attendance, however, can severely impact your grade. If you are absent, please stay caught up using our website, contacting your peers, coming in for tutoring, etc.. It is your responsibility to get caught up, but feel free to contact me before school, at lunch or afterschool if you have questions or need help.

- Daily Points - You can receive half of the missed daily points by submitting your missed class work the day after you return. If you do not make up the classwork the absence is recorded as a zero each day you are out, excused or not.

- Homework Journal- You can receive full credit on your homework journals by having them stamped the day after you return from your absence. It is up to you to make sure you are given the appropriate credit.
- Discussion Board Entries- Absence is not an excuse for missing a discussion board entry. You have a large window of time. This work can not be made up.
- Tests and Quizzes - It is your responsibility to find out if you missed a test or quiz and to schedule a makeup exam.
- Semester Final Project - This project will require in class time and you may be responsible to a group. If you know you will be absent for the semester final project, please let me know so we can make other arrangements.

Grading

The following percentage scale will be used in determining grades:

A 90%-100%, B 80%-89%, C 70%-79%, D 60%-69%, F 0%-59%

7. Materials

Required

Students should have the following daily

1 binder (at least 1 inch)

This binder may be shared with other classes at the student's discretion as long as they can organize handouts and class materials.

1 college ruled notebook (composition style is preferred)

This may not be shared with other classes and should be reserved for homework journals only.

Pencil or pen

It's up to you. There is nothing wrong with doing math in pen!

A scientific calculator

Phones may be used, however, individual students will lose this right if they are caught using their phone in unauthorized ways.

Binder paper (preferably college ruled)

If you are unable to get the required materials, for any reason, please see me.

Recommended

Students may find pencil sharpeners, highlighters, markers, colored pencils, graph paper, glue stick, and scissors helpful.

Our classroom could always benefit from additional required and unrequired materials, tissue boxes, band aids, tissue boxes, hand sanitizer and tissue boxes.

	Parents interested in supporting the classroom by providing any of these items are encouraged!
8.	General Statements
	<p>A separate document Classroom Rules and Expectations outlines the classroom policies. Students are also expected to be familiar with the JFK HS Student Handbook.</p> <p>Zeros will be issued on any assignment or assessment to cheating students and the enabler.</p> <p>The teacher has the right to adjust assessments, assignments and due dates as necessary.</p> <p>Tutoring arrangements can be made on request. I am happy to meet with students before school, during lunch and after school. Please come to me with questions or concerns. Or email me at Sarah-Lanning at SCUSD.edu or through www.mathopensdoors.weebly.com.</p>

Please have the bottom signed and in the front of your binder by 9/9.

I have reviewed the syllabus and am aware of it's contents.

Students: _____