

# Secondary Math II

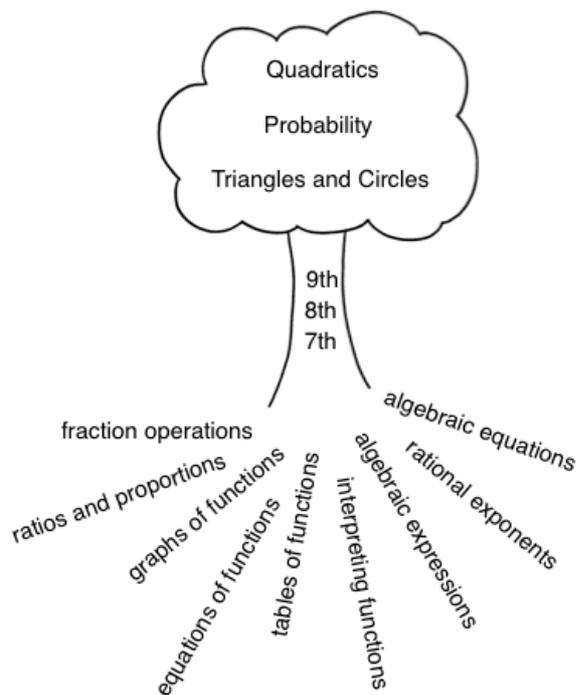
Disclosure Statement  
2023-2024  
Paul Stemle / Sally Scott  
Room 3107  
East High School



Welcome! We are excited to have you in class this year. This course will help strengthen your pattern-recognition skills and further develop your problem-solving strategies.

**Course Objectives:** You have been fed a healthy dose of similar topics for the past three years. This year you will finally branch out and grapple with some brand-new ones. Math II builds upon your foundational skills from Math I.

	Math I	Math II
linear and exponential functions	—————>	quadratic functions
geometric congruence	—————>	geometric similarity
statistics	—————>	probability



As with all math classes, our ultimate goal is not to learn procedural skills but to sharpen the broader skills we use in everyday life. We will:

- make sense of problems and persevere in solving them
- reason abstractly and quantitatively
- construct viable arguments and critique the reasoning of others
- model with mathematics
- use appropriate tools strategically
- attend to precision
- look for and make use of structure
- look for and express regularity in repeated reasoning

**Materials:** We have a classroom set of TI-30XS calculators for in-class use. Fancier calculators like the TI-84 Plus and the TI-Nspire are not required until Math III, AP Calculus, and AP Statistics. Your laptop will be necessary many days for Desmos activities and Kahoot quizzes. Parents are welcome to make an appointment to visit the classroom to view the instructional materials being used in class.



**Classroom Procedures:** Classroom attendance is extremely important and has an enormous impact on student performance. Attendance and citizenship policies will be followed as outlined in the student handbook.

**Grading:** Your grade is standards-based this year and will be calculated exclusively through checkpoints (quizzes). We will use warm-ups, activities, and worksheets every day for training purposes, but they will not be worth points.

We will retake **checkpoints** multiple times a month, and PowerSchool will reflect your *best* score (0 - 4) for each concept. The 0 - 4 scoring system mirrors our school's GPA scale to correspond with actual letter grades.

A **final exam** will be given at the end of each term purely as extra credit. The final provides a cumulative review of all our topics and can add as much as 5% to your overall grade.

**Class Website:** [stemle.weebly.com/m2](http://stemle.weebly.com/m2)

Visit our website for class news, homework info, math tools, and a description of all the topics we will be covering this year.

**Getting Help:** We are always willing to work with students before school or after school. Stop by for homework help or to study with a group. Our math lab will also host free tutoring after school throughout the year. Parental involvement and communication is always welcome — contact us at [paul.stemle@slcschools.org](mailto:paul.stemle@slcschools.org) and [sally.scott@slcschools.org](mailto:sally.scott@slcschools.org).



GPA	%	
<b>4</b>	<b>95</b>	<b>A</b>
3.9	94	
3.8	93	
3.7	92	
3.6	91	A-
3.5	90	
3.4	89	
3.3	88	B+
3.2	87	
3.1	86	
<b>3</b>	<b>85</b>	<b>B</b>
2.9	84	
2.8	83	
2.7	82	
2.6	81	B-
2.5	80	
2.4	79	
2.3	78	C+
2.2	77	
2.1	76	
<b>2</b>	<b>75</b>	<b>C</b>
1.9	74	
1.8	73	
1.7	72	
1.6	71	C-
1.5	70	
1.4	69	
1.3	68	D+
1.2	67	
1.1	66	
<b>1</b>	<b>65</b>	<b>D</b>
0.9	64	
0.8	63	
0.7	62	
0.6	61	
0.5	60	
0.4	59	
0.3	58	
0.2	57	
0.1	56	
<b>0</b>	<b>55</b>	<b>F</b>