

MR. ROGOVE'S MATH 7.2 COURSE INFORMATION

TEACHER: Joe Rogove

ROOM: 35

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WELCOME!

Welcome to Math 7.2! This is a challenging and fast paced course. Our objective is to prepare you to complete geometry by the end of 8th grade. We will cover the following topics: Integer exponents, geometry (congruence and similarity), linear equations and linear functions, linear correlation, irrational numbers and Pythagorean theorem, and exponential function. In addition to content, we will focus on the following **Standards of Mathematical Practice**:

- Persevere in problem solving
- Reason abstractly and quantitatively
- Communicate your reasoning
- Modeling with mathematics
- Selecting the appropriate tools
- Attend to mathematical precision
- Look for and make use of structure
- Express regularity in repeated reasoning

More than anything, I am excited to be your guide on this journey towards geometry and will do whatever it takes to support your excellence!

SUGGESTED MATERIALS

- 3-ring binder (1 inch is perfect)
- Pencils and erasers
- Binder paper
- Graph paper
- Dry erase markers
- Highlighters

CLASSROOM EXPECTATIONS

- **Be bold.** Try something new every day.
- **Respect each other and listen to your colleagues.** We will communicate often and with sincerity and respect.
- **Mistakes are a gift.** Use them to help your brain grow.
- **Ask.** If you're curious, if you need further clarification, if you're trying to deepen your understanding, get the answers you deserve.
- **Be creative.** Math is about creativity and making sense. We will be trying to solve problems in multiple ways and then make sense of our results.
- **Speed kills.** We value depth of knowledge, and this takes time. There will be no time limits placed on tests or other assessments of your knowledge.

STUDENT EXPECTATIONS

- Uphold Graham's Essential Elements in your actions and intent.
- **Arrive on time** and prepared physically and mentally to work.
- Keep current with the class notes! If you struggle to take notes during class, make sure to visit <http://mrrogove2016.weebly.com>
- Just go with the flow. We will be trying new things, and flexibility and risk taking are valued.
- Complete all homework and classwork to the best of your ability with the expectation that perfection might not come on the first submission. If you are **STRUGGLING** with homework for more than 30 minutes, please explain your struggle on the assignment and turn in so we can work together on making sense of the issue.

TEACHER RESPONSIBILITIES

- I will uphold Graham's Essential Elements in my actions and intent.
- My support is unconditional as you explore new topics in math.
- I will grade all assignments and update PowerSchool in a timely manner.
- I will send out regular email newsletters and update our class website on an ongoing basis.
- I am committed to returning parent and student emails within 1 school day.

PARENT RESPONSIBILITIES

- Please contact Mr. Rogove early and often with any questions or concerns regarding your student's progress. Please do not wait until May!
- Show students how you use math everyday. Whether you're leaving a tip at a restaurant or remodeling your home, point out the vital role math plays in daily decision making.
- Read the weekly updates and visit our class website.

GRADING/ GRADING SCALE

Grades will be based on performance on tests and quizzes (80%), classwork and projects (10%), and homework (10%).

93-100	A	80-82.9	B-
90-92.9	A-	78-79.9	C+
88-89.9	B+	73-77.9	C
83-87.9	B	70-72.9	C-

Any student may retake any test or quiz for which they would like an improved grade. There are strict procedures for completing corrections and a retake—but more than anything, my wish for you in completing retake would be to show a stronger level of standards mastery than the initial assessment. Similarly, homework may also be re-submitted for an improved grade, but the onus to persevere rests with you.

August 2016

Dear Students (and Parents),

I am looking forward to working with you to face the challenges that lie ahead this year. The objective of this class is to prepare you to complete geometry by the end of 8th grade. The content is rigorous and the pace might be intense at times. We are fortunate to have two periods to achieve our goals. We will be able to dive into our content deeply and I expect you will come away with a rich appreciation for each topic we cover.

I will ask that you think about math differently. Nobody is born with math ability. Math, just like language, music, or sports can be learned and anyone can excel if they prepare and train appropriately. Toward that goal, I will ask that you communicate and explain your reasoning to your peers. We will be doing many projects and class presentations, and we will have rich classroom discussion, and complete many writing assignments. You must exhibit maturity, a strong work ethic, and a can-do attitude. I choose to teach because I know that you are future leaders, and I want to contribute to your growth and development as tomorrow's leaders.

Parents, please supply an email address so that I can populate my email address book (for email updates) and feel free to contact me any time with questions or concerns. I am committed to returning your message within 1 school day. My #1 priority is to do whatever it takes to enable my students to succeed in my classroom and beyond. I am looking forward to partnering with you toward this goal.

Best,

Joseph Rogove

Student Name (PRINT PLEASE) _____

Student Signature _____

Parent Name (PRINT CLEARLY PLEASE) _____

Parent Signature _____

Parent email address(es) _____
