

**MARSTON MIDDLE SCHOOL**  
**COMMON CORE MATH 7 - SYLLABUS - 2020-21**

Teacher: Mrs. Trang Vu

Room: 304 (for in-person meeting)

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Website: <https://tinyurl.com/Vu-Web-20-21>

**COURSE DESCRIPTION:**

In grade 7, instructional time will focus on four critical areas: (1) developing understanding of and applying proportional relationships; (2); (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples.” In CC MATH 6, instructional time will focus on four critical areas:

1. Developing understanding of and applying proportional relationships
2. Developing understanding of operations with rational numbers and working with expressions and linear equations
3. Solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume
4. Drawing inferences about populations based on samples.

For more specific standards, please refer to the California Common Core State Standards (<https://www.cde.ca.gov/be/st/ss/documents/ccsmathstandardaug2013.pdf>, pages 46-51)

The **Standards for Mathematical Practice (MP)** listed below will be developed throughout this course and, together with the content standards, prescribe that students experience mathematics as a rigorous, coherent, useful, and logical subject. The MP standards represent a picture of what it looks like for students to understand and do mathematics in the classroom and will be integrated into every mathematics lesson for all students.

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

**COURSE MATERIALS AND SUPPLIES:**

Course materials will be provided in digital formats in Canvas using our district’s SD Enhanced Math curriculum. This course may also be supplemented by other materials to help students develop conceptual understanding of key learning targets and Standards for Math Practice (e.g. [BigIdeasMath.com](http://BigIdeasMath.com), ST Math, Desmos, ...)

Required equipment for virtual learning: Computer and internet, Zoom meeting access

Recommended supplies: Pencils, pens, erasers, ruler, notebook, lined paper, graph paper, 3-ring binder, colored pencils, highlighters, scientific calculator (not graphing calculator).

**COURSE PACING: (Subject to change due to time and other environmental constraints)**

	Time	Topics
Quarter 1 or 2	Week 1	Building a Community of Math Learners
	Weeks 2 - 3	Unit 1: Scale Drawings
	Weeks 4 - 5	Unit 2: Introducing Proportional Relationships
	Weeks 6 - 7	Unit 3: Measuring Circles
	Weeks 8 - 9	Unit 4: Proportional Relationships and Percentages
Quarter 3 or 4	Weeks 10 - 11	Unit 5: Rational Number Arithmetic
	Weeks 12 -13	Unit 6: Expressions, Equations, and Inequalities
	Weeks 14 - 15	Unit 7: Angles, Triangles, and Prisms
	Weeks 16 - 17	Unit 8: Probability and Sampling
	Week 18	Putting It All Together

**COURSE EXPECTATION:**

Everyone in this class can learn. You are expected to take responsibility for your own learning and to try your best. To achieve maximum performance, you must:

- follow teacher’s directions the first time they are given.
- come to class on-time and prepared with appropriate materials and free of distractions.
- take complete, organized notes during class.
- actively participate in all class synchronous activities (written and verbal, individual think time, collaborative group discussion including virtual breakout rooms, presentation, whole group instruction, ...)
- complete all assignments in a thorough, organized, and timely manner.
- always act in a respectful manner toward others.
- ask thoughtful questions.
- seek help early.

**GRADING POLICY: (Please see here for [MMS Grading Policy](#))**

- Homework will be checked randomly for accuracy, completeness and organization. It is your responsibility to ask for assistance if you do not understand the concepts. You must attempt all problems, show all work (including multiple-choice questions), and correct your mistakes to receive full credit on any assignment. Students who complete at least 80% of the assignments may request a reassessment if they score less than proficient on any assessment.
- Students are responsible for finding out and making up missed works when absent. If you participate in a

fieldtrip, extracurricular activity, or any other planned event that prevents you from attending class, you must make arrangements to complete the required assignments in advance.

● **Academic Dishonesty:** Any student guilty of academic dishonesty will receive a zero for the affected activity. That zero may not be dropped from the record and will be averaged into the student's grade. The student may also be referred to school administrators for further consequences.

● **Grading scale:**

Assignments (classwork and homework).....	40%	A	90-100%
Assessments (quizzes, tests, portfolio, projects) .....	60%	B	80-89.9%
		C	70-79.9%
		D	60-69.9%

For CITIZENSHIP grade: Please refer to our school CITIZENSHIP GRADING STANDARDS at <https://tinyurl.com/MMSCitizenship>

**STUDENT SUPPORT:**

I am available during office hours from 12:40 – 1:30 pm on Monday – Friday for extra tutoring or individual conference. Appointments are not required during this time; however, if you wish to meet with me outside of scheduled school time, please email me at [tvu@sandi.net](mailto:tvu@sandi.net).

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TO: ALL PARENTS OR GUARDIANS

Please read the above syllabus and [fill out this form \(https://tinyurl.com/sign-syllabus2021\)](https://tinyurl.com/sign-syllabus2021) to acknowledge your awareness of the syllabus. If you have any questions and/or concerns on any course-related issues, please contact me via email [tvu@sandi.net](mailto:tvu@sandi.net) or leave a voice message at (858)810-7500 x2304.

**Have a successful school year!**