

MARSTON MIDDLE SCHOOL
COMMON CORE MATH 6 - SYLLABUS - 2020-21

Teacher: Mrs. Trang Vu

Room: 304 (for in-person meeting)

Contact info: (858)810-7500 x2304, email: tvu@sandi.net

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

COURSE DESCRIPTION:

In CC MATH 6, instructional time will focus on four critical areas:

1. Connecting ratio, rate, and percentage to whole-number multiplication and division and using concepts of ratio and rate to solve problems
2. Completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers
3. Writing, interpreting, and using expressions and equations
4. Developing understanding of statistical thinking. Students also work toward fluency with multi-digit division and multi-digit decimal operations

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 40-45)

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, 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: Area and Surface Area
	Weeks 4 - 5	Unit 2: Introducing Ratios
	Weeks 6 - 7	Unit 3: Unit Rates and Percentages
	Weeks 8 - 9	Unit 4: Dividing Fractions
Quarter 3 or 4	Weeks 10 - 11	Unit 5: Arithmetic in Base Ten
	Weeks 12 -13	Unit 6: Expressions and Equations
	Weeks 14 - 15	Unit 7: Rational Numbers
	Weeks 16 - 18	Unit 8: Data Sets and Distributions

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.

Have a successful school year!

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 or leave a voice message at (858)810-7500 x2304.