**MARSTON MIDDLE SCHOOL**

**8th Grade Math SYLLABUS 2018-2019**

**Instructor:** Mrs. Thanh-Thuy Cao

**Room:** 306

**Contact info:** tcao@sandi.net

**Website:** kttmc.weebly.com

**COURSE DISCRIPTION:**

In grade 8, instructional time should focus on three critical areas: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

<http://www.cde.ca.gov/be/st/ss/documents/ccssmathstandardaug2013.pdf> (go to page 59).

**Textbook:** Big Ideas Math Course 3

Chapter 1 Equations

Chapter 10 Exponents & Scientific Notation

Chapter 7 Real Numbers & The Pythagorean Theorem

Chapter 8 Volumes & Similar Solids

Chapter 2 Transformations

Chapter 3 Angles & Triangles

Chapter 6 Functions

Chapter 4 Graphing & Writing Linear Equations

Chapter 9 Data Analysis & Displays

Chapter 5 Systems of Linear Equations

**COURSE EXPECTATIONS:**

Everyone in this class is here tolearn. Students are expected to take responsibility for their own learning and to dotheir best. To achieve maximum performance, students must:

* follow the teacher’s directions the first time they are given.
* come to class on-time and prepared. This means that they stand quietly at their seats when the bell rings and have all appropriate materials ready.
* take complete and organized notes during class.
* actively participate in all class activities (written and verbal, individual think time, collaborative group discussion and presentation, whole group instruction etc...)
* complete all assignments in a thorough, organized, and timely manner.
* always act in a respectful manner toward others.
* ask thoughtful questions
* seek help early

While in class students will not be allowed to eat, drink or chew gum. It is also not permitted to use any personal electronic devices during class, especially on test day. This includes, but is not limited to, cell phones, iPods, etc. If any of these items are out on a student desk or being used during class, they will be confiscated until the end of the school (3:35pm).

**SUGGESTED COURSE MATERIALS AND SUPPLIES:**

* #2 pencils with erasers at all times, line papers, scientific calculator, ruler, highlighter, and folder

**GRADING POLICY:**

* **Homework** will be checked periodically for accuracy, completeness and organization. It is the students’ responsibility to check for accuracy and to ask for assistance if they do not understand the concepts. Homework solutions to selected problems will be discussed in class. They must attempt all problems, show all work (including multiple-choice questions), and correct their mistakes to receive full credit on any assignment. Students will submit all of their homework assignments at the end of each chapter test as a CHAPTER HOMEWORK PACKET. It is important to keep all homework assignments.
* **Classwork:** Students will submit all of their classwork assignments at the end of each chapter test as a CHAPTER CLASSWORK PACKET. It is important to keep all classwork assignments.
* **Retaking Exams**: Students who are not satisfied with their initial test score can retake it within retaking testing window. The new score will be from the highest score of the two.
* **Quizzes:** Quizzes are usually administered weekly or bi-weekly. Students who are not satisfied with their initial quiz score can do quiz correction in order to earn some points back.
* **Late work:** Late work will be accepted for partial credit (4/5 of the original points). It needs to be turn into the LATE BIN in order to be graded.
* **Absent:** Students are responsible for finding out and making up missed work when absent. Please look at the website, class bin for worksheets and the homework white board. Please ask friends or the teacher for notes.
* **Academic Dishonesty:**  Any student guilty of academic dishonesty will receive a zero for that activity. That zero may not be dropped from the record and a parent conference will be made.

The grading breakdown is as follows:

* Homework 15% A 90-100%
* Quizzes (Some quizzes may not be announced in advance.) 30% B 80-89.9%
* Assessments 30% C 70-79.9%
* Classwork ……………………………..……………………………………. 25% D 60-69.9%

**TUTORING:**

Wednesday morning from 8:10am-8:40am or by appointment.

TO: ALL PARENTS OR GUARDIANS

Please read the attached syllabus and return this form with your signature. If you have any questions and/or concerns on any course-related issues, please contact me via email tcao@sandi.net. Thank you and I am looking forward to working with you and your child.

I have read and understood my son's/daughter's math syllabus. In order to help my son/daughter successfully complete the course, I agree to:

• provide a quiet space and time for my son/daughter to study at home everyday.

• monitor his/her progress regularly.

• communicate with the teacher when questions and/or concerns arise.

My child name is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Cell phone:

Email:

Anything that I need to know about the child:

Parent’s/Guardian’s signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ date: \_\_\_\_\_\_\_\_\_\_