

Sarasota School of Arts and Sciences

Ms. Stacey Brebaugh

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Course Description 7th Grade Advanced Math 2-

Middle School Math 2 is an exciting math course designed to help students master the skills and concepts needed for a rewarding school year. The students will develop problem-solving techniques, practice and hone basic skills as well as be challenged by enriching thematic units. We will stress improving our ability to read, write, listen and communicate about mathematics. We will review and maintain previous skills and introduce and master challenging new concepts.

Course Time Line

1st Quarter

School and Classroom Procedures
Tools of Algebra
Operations with Integers
Operations with Rational Numbers

2nd Quarter

Expressions and Equations
Multi-step Equations and Inequalities
Ratio, Proportion and Similar Figures
Percent

3rd Quarter

Linear Functions and Graphing
Powers and Nonlinear Functions
Real Numbers and Right Triangles
Distance and Angle

4th Quarter

Surface Area and Volume
Statistics and Probability
Looking Ahead to Algebra I
Projects

Tests 35%

Tests will be given at the end of each chapter and at the end of each quarter. Tests will be longer and more difficult. They will require studying at least a few nights prior to the tests. Students will be given at least a week notice before the test is to be given.

Quizzes 30%

Quizzes will be fairly frequent this year. Students should do their homework nightly and go over any notes to prepare for unannounced pop-quizzes. The plan is to have quizzes at least once a week 3-5 questions.

They are worth 30% of their grade. Any quiz that is missed on the day it is given and **must be made up the next day the student is in attendance.** Students can make-up quizzes before school, during lunch or during their PE as well as in class.

Homework/Classwork 30%

Students will be issued a textbook that they are expected to keep at home. Unless otherwise stated, problems must be **COPIED AND ALL WORK SHOWN**. If homework is not copied and all work is not shown homework will be considered incomplete. All homework must be neat, on loose-leaf paper, and in pencil only. Homework will be given daily and checked at the beginning of class on the next school day. Homework missed due to absence can be picked up the next day in the bin next to the front door of the classroom. **It is the student's responsibility to get late work or to check with a classmate's agenda to get the assignment missed.**

For make-up work: If your child is absent one day they have one day to make up the work. If your child is absent two days they have two days. Etc... This is my policy as well as the school's policy. Homework is posted on the team news and on the wall calendar in my room.

Homework Grading Scale

10- complete/ on time

7.5-complete/ one day late

5- Incomplete/ on time

2.5 Incomplete/ one day late

0- Not turned in

Bellwork 5% Each class period will begin with Bellwork, which will be posted clearly on the board. Students must begin Bellwork immediately after writing homework assignments in their Agenda.

Students should keep everything handed back for the entire quarter.

All assignments and homework will be posted with a due date on the board in the classroom. Students are responsible for checking this board daily and writing assignments in their agenda book. Papers handed in without names will be discarded.

TEAM NEWS: Please keep in mind that you should check www.ssas.org for the weekly team news. While I try to keep everything as up to date as possible, there are instances where the schedule may be off. Please note that your child will/should change their agenda if this occurs. Team News is subject to change, but it is an invaluable tool that you should use to keep up to date with your child's Math Class.

Classroom Procedures will be given on a separate sheet of paper. Students should keep a copy of the Classroom Syllabus and the Classroom procedures in their Math folder. THESE ARE THE STUDENT'S RESPONSIBILITY.

Materials Needed

1. **BASIC CALCULATOR**
2. 4 red Duo tang folder with pockets 1 for each quarter
3. Lined paper
4. Mechanical pencils or sharpened pencils minimum 2
5. INK PEN FOR CORRECTING ONLY (NOT BLACK OR RED)
6. Index cards

Classroom Wish List

Heavy Duty 3-hole puncher
Electric pencil sharpener
Dry erase markers
Playing cards
Unscented, non-bleach wipes

Text Books: We have an online textbook that is available to your students. This website has an online tutor, practice tests and quizzes as well as a copy of their book. The website and login information will be handed out to your child in Math class, and written in their agenda.