

*Sarasota School of Arts and Sciences*

*Ms. Stacey Brebaugh*

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### **Course Description 6<sup>th</sup> Grade Advanced Math 1-**

Middle School Advanced Math 1 is a demanding and 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 the pace of the course and the enrichment materials offered. We will include daily FCAT practice in the form of bell work, homework or class work that will familiarize students with FCAT type questions throughout the year.

### **Grading**

I will be weighting the grades.

\*Tests/Quizzes 40% (I count tests and quizzes as “more important”)

\* Classwork and Participation/Behavior 35%

\* Homework 25%

### **Course Time Line**

#### *1<sup>st</sup> Quarter*

School and Classroom Procedures

Chapter 1 Number Toolbox

Chapter 3 Decimals

Chapter 4 Number Theory and Fractions

#### *2<sup>nd</sup> Quarter*

Chapter 5 Fraction Operations

Chapter 6 Collect and Display Data

Chapter 7 Geometry

### *3<sup>rd</sup> Quarter*

Chapter 7 Geometry

Chapter 10 Perimeter, Area, and Volume

FCAT

### *4<sup>th</sup> Quarter*

Chapter 9 Integers

Chapter 2 Introduction to Algebra

Chapter 11 Probability

Chapter 12 Functions and Coordinate Geometry

Project

### **Materials Needed**

**1 Duo tang folder with pockets**

**Lined paper**

**Mechanical pencils (extra lead) No Pens**

**Extra erasers**

**Box of colored pencils**

**Graph paper**

**Basic calculator**

**Composition book**

**Red pen (Correcting only)**

**Hand sanitizer**

### **Homework**

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. 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. The year our math text also has connects to Homework help online. <http://www.go.hrw.com/>

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. This is my policy as well as the school' s policy.

**(Please read the school's policies on make- up work on page 13 of the Student Handbook.)**

### **Participation and Class work**

Participation and Class work grade includes attendance, bringing required supplies to class, appropriate attitude, co-operation when working in groups and the ability to stay focused during class. These skills foster an atmosphere of RESPECT and PRODUCTIVITY in the classroom, and will be of great value in school and in the future of our students. This grade also includes the responsibility of having parents READ and sign the communications sent home.

### **Tests and Quizzes**

The tests and quizzes will be over the chapters we have covered. There will be pre-test and posttests given this year to determine the direction in which, the students should be taught. I will be using these tests as homework grades or participation grades not as test grades.

### **Procedures**

Enter the classroom quietly  
Make sure you have 2 sharpened pencils and paper  
Get out your homework assignment and agenda  
Begin bell work before the bell rings  
Move your attendance magnet  
Speak when the teacher calls you on  
Do not speak any other time

### **Rules**

Respect Everyone and Everything  
Be prepared

### **Discipline Plan**

1. The "Look" or Verbal Warning
2. Call home or written warning
3. Behavior Essay (signed by parent)
4. School Detention
5. County Referral (one or more days out of school suspension)

Student or parent refusal to write classroom rules or behavior essay, and a refusal to do a morning detention will be considered a fifth offense.

### **Rewards**

Praise  
Bonus Points  
Pride in your good grades  
Phone call home  
End of quarter reward days

**Wish List**

Electric pencil sharpener (we wear out 3 a year)

Colored pencils

Colored copy paper

Index cards

Dry erase markers

Playing cards

I am looking for cribbage boards also I would like to start a cribbage club

Poster boards

**I have read the syllabus.** \_\_\_\_\_  
**Parent Signature**

\_\_\_\_\_  
**Student Signature**