

**Sarasota School of Arts and Sciences**

**Mr. Kevin Corwin & Mr. Chris Leach**

**2011-2012**

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**Course Description—Intensive Math 2**

Middle School Intensive Math 2 is a challenging and exciting math course. We will learn the concepts of working with different sets of numbers; skills of displaying, organizing, and analyzing data; to use proportions; different aspects of geometry; and the beginning aspects of algebraic reasoning. We will stress improving our ability to read, write, listen, and communicate about mathematics, both individually and in cooperative groups. We will review and maintain previous skills and introduce and master challenging new concepts, emphasizing projects and activities that relate to real world math.

**Quarter 1**

Integers  
Rational Numbers  
Linear Equations

**Quarter 2**

Proportions and Similarity  
Linear Functions  
Percents

**Quarter 3**

Data Analysis and Probability  
Surface Area and Volume  
Measurement and Proportional Reasoning

**Quarter 4**

Transformations  
Geometry & Spatial Reasoning  
Statistics  
Inequalities, Functions, and Monomials

***\*\*This sequence of topics is subject to change throughout the course of the school year.\*\****

**Materials**

Paper  
Mechanical pencils  
4 Red Duo-Tang Folders  
Graph Paper

## **Grading**

**Grading will consist of the following assessments: Classwork, Homework, Bellwork, Quizzes, and Tests.**

Classwork will be assigned daily and worth 15% of the student's grade; any classwork that is missed due to absence must be made up and will be scored as incomplete until finished. It is the student's responsibility to find out what work was missed when absent and complete it. Students will have one day to make up work for every day he or she was absent.

Homework is will also be given daily with the exception of Wednesdays. Homework is crucial practice that **needs to be completed at home of the assigned night**. Homework is worth 15% of the students' grade and will severely impact the grade if neglected. Be sure to be diligent and consistent when completing homework.

Quizzes will be worth 30% and will be fairly frequent. Expect one or two quizzes per chapter. Any quizzes that are missed on the day of an absence must be made up the next day the student is in attendance. Students should review at home for a quiz but should be fairly prepared by attending class and completing homework.

Tests will be worth 35% of the students' grade. Tests will be given at the end of a unit and at the end of a quarter. Tests will be longer and more difficult than the quizzes. Tests will assess critical thinking skills as well as math principles and will often be in the form of word problems. Students should review at home at least two days before the day of the test.

Bell work will be worth 5% of the students' grade. Bell work is the assignment students begin when they enter the classroom. Class starts when they enter the room, not when the bell rings. Students will have approximately 3-5 minutes after the bell to complete their bell work.

### **Homework**

Homework is assigned daily. Homework should be completed in pencil in your red duo-tang folders. Problems must be copied and all work shown. Answers only are not acceptable, unless specified by Mr. Corwin. The homework grade reflects the percent of assignments completed. **Late homework receives half credit.** When students are absent, assignments must be picked up from the box by the classroom door and turned in promptly. (Next day if student is absent for one day, in 2 days if absent 2 days, etc.)

### **Tips for success**

1. Be at school. Make up work can be overwhelming when many days are missed, not to mention learning the lessons missed.
2. Work hard in and out of class. Your teachers hold high expectations and your future bosses will hold even higher expectations. It is important that you learn to work hard now.
3. Take advantage of extra help. If someone is willing to help you at school or at home, take the opportunity for extra practice and help.

***Do not procrastinate to complete assignments. Begin working on assignments when they are assigned. Other assignments or tests may be assigned in other classes which can lead to an overwhelming amount of work.***

### **Classroom Rules**

- 1- Respect teacher, other students, and classroom equipment
- 2- Follow directions the FIRST time they are given
- 3- Remain quiet during class unless given permission to speak – voices should always stay at a low volume
- 4- Bring all books and materials to class
- 5- Come to class ready to work and with a good attitude

### **Student Expectations**

***I hold all students to the same expectations every day whether with me or a substitute.***

- 1.) Always be on your best behavior acting with the utmost respect for everyone and everything.
- 2.) Always give class assignments your best efforts.
- 3.) Do not argue with other students or teachers.
- 4.) Attitude is everything. Make sure yours is positive before entering class.

### **Consequences**

1. “THE LOOK” (Warning)
2. Write classroom rules and notification of parent via phone
3. Behavior Essay—Signed by a parent
4. Morning Detention
5. Administrative Intervention/County Referral and Suspension

***\*\*IF I deem the offense severe, steps one and two can be skipped. I will call home to parents in these cases.\*\****

### **Rewards**

- Praise
- Bonus Points
- Pride in your good grades
- Hugs, smiles and praise from proud parents

### **Wish list**

Colored copy paper  
Cardstock  
Dry erase markers  
Glue sticks  
Pencils

**MATH ONLINE HOMEWORK HELP AND PERSONAL TUTOR**

Go to <http://sarasotacountyschools.net/>

Click on **students**

Click on **Angel Web**

User Name is your **N#** \_\_\_\_\_

Password is your **pin number** \_\_\_\_\_

Log on

Click on **student textbook library**

Click on **Math textbook**

Click on your **book**

Go to the **chapter**

Go to the **lesson**

Click that tab that says **lesson playlist**

Click on the **personal tutor**

For the **chapter practice test online**, click the tab that says **chapter playlist**

**Signatures**

I have read and agree to the class syllabus, classroom procedures, classroom calculator policy and home computer policy. I understand that I may also access the syllabus, procedures and current grades throughout the school year on-line through *www.edline.net*.

Student Name \_\_\_\_\_ Date \_\_\_\_\_ Per. \_\_\_\_\_

Student signature \_\_\_\_\_

Parent/Guardian signature \_\_\_\_\_ email address \_\_\_\_\_

*Note: Email is Mr. Corwin's preferred method of initial communication.*

Which is the best time to call the parent/guardian and at what phone number?

8:00 – 9:00 AM at \_\_\_\_\_

9:00 – 10:00 AM at \_\_\_\_\_

4:30 – 5:30 PM at \_\_\_\_\_

6:30 – 9:00 PM at \_\_\_\_\_