

**Sarasota School of Arts and Sciences**

**Mr. Kevin Corwin**

**2011-2012**

[KevinCorwin@ssas.org](mailto:KevinCorwin@ssas.org)

941-330-1855 ext. 135

**Course Description—Algebra I Honors**

Middle School Algebra I Honors is a challenging and exciting math course. We will learn the concepts for working with expressions, equations, and functions; linear functions and relations; linear inequalities; systems of equations and inequalities; polynomials; quadratic equations; radical functions; rational functions; geometry; and statistics and probability. 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. In this class, we will discuss many sub-topics that fall under the units below that a regular 7<sup>th</sup> grade Math student would not cover.

**Quarter 1**

Expressions, Equations & Functions

Linear Equations

Linear Functions

**Quarter 2**

Linear Functions & Relations

Linear Inequalities

Systems of Linear Equations and Inequalities

**Quarter 3**

Polynomials

Factoring and Quadratic Equations

Quadratic and Exponential Functions

**Quarter 4**

Radical Functions and Geometry

Rational Functions & Equations

Statistics and Probability

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

***\*\*You will be required to take an Algebra End of Course Exam through the state of Florida on the computer at the end of the school year!!!\*\****

**Materials**

Paper

Mechanical pencils/Pencils

4 Red Duo-Tang Folders

Graph Paper

Composition Book

TI-84 Graphing Calculator

## **Grading**

35%	Tests
30%	Quizzes
15%	Homework
15%	Class Work
5%	Bell Work

## **Homework**

Homework is assigned daily. Homework should be completed in pencil in their 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. Late work must be turned in by the end of the current unit in order to receive any 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.

## **Calculators**

Students are expected to have a TI-84 Graphing Calculator for this class. They need to have it with them every day in class and at home to do their homework.

### **Consequences**

1. “THE LOOK” (Warning)
2. Write classroom rules
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. Miller'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 \_\_\_\_\_