



Sarasota School of Arts and Sciences
8th Grade Math 3
2010-2011
Ms. Abby Coulter

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Course Description

Middle School Math 3 is a challenging and exciting math course. We will learn the concepts for working with equations and integrating algebraic strategies into problem solving and reasoning. We will stress improving our ability to read, write, listen, and communicate about mathematics, both individually and in cooperative groups. We will incorporate the standards covered on FCAT throughout the year. Students will apply concepts and skills to real-world problems that reflect our global society. Our ultimate goal is to master the skills, concepts, and strategies that will make all students successful this year and in High School.

Materials

Composition book
4 Red Duo-tang folders
Mechanical pencils
Dry erase marker
Calculator (FOR USE AT HOME)

Textbook: *Florida Math Connects, Glencoe McGraw-Hill*

First Quarter:

*Rational Numbers and Percent
Expressions and Functions
Linear Functions and Systems of Equations*

Second Quarter

*Equations and inequalities
Operations on Real numbers
Angles and Lines*

Third Quarter:

*Similar triangles and the Pythagorean Theorem
Data Analysis
Units of Measure*

Measurement: Area and Volume

Fourth Quarter:

*Math Application Projects
Properties and Multi-step Equations and Inequalities
Nonlinear Functions and Polynomials*

GRADING – Grades are posted on www.edline.com weekly.

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| 35% | Tests |
| 30% | Quizzes |
| 30% | Written Assignments (Classwork and Homework) |
| 5% | Bellwork |

Homework

Students will be issued a textbook that they are expected to keep at home. Homework will be completed in a composition book. 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. **Late homework receives no credit.** Homework missed due to absence can be picked up the following day in the bin next to the front door.

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**

All students are expected to use this website on a regular basis to get help and extra practice in math. End of lesson quizzes can be emailed to AbbyCoulter@ssas.org. Next to your name include the lesson and quiz or test that you are sending. (Ex: 6-1B Quiz)

Contacting the Teacher

You may contact me by email at AbbyCoulter@ssas.org. Email communication eliminates playing phone tag, which happens so often with everyone's busy schedules. I will answer emails promptly, usually the same day. You may also contact me by phone. (941 330-1855 ex. 104) Please leave your name, your child's name, a phone number where you can be reached, and the issue that is to be addressed. It is also helpful to let me know a good time to return your call. I return phone calls either before or after the regular school day. Conferences will be scheduled during the year to meet in person and discuss your student's strengths and concerns.

Classroom Procedures

Announcements

- *Immediately be silent and listen carefully*

Entering the classroom

- *Leave personal conversations at the door*
- *Quietly start your Bellwork*
- *Have homework on the corner of your desk ready to check*

Leaving the classroom

- *Class is dismissed by Ms. Coulter, not by the bell*
- *Take all of your belongings*
- *Push in your chair*
- *Pick up any trash and deposit it in the trash can on your way out*

Give Me Five

- *When any teacher or adult raises their hand in the air, it is a signal to get silent, raise your hand to acknowledge the signal, and focus your attention on the teacher*

Sharpening pencils

- *Beginning of class BEFORE Bellwork*
- *Empty the bin when it's full of shavings*

Using the bathroom

- *Use the bathroom between classes if possible*
- *Wait until Ms. Coulter is not giving direct instruction*
- *Fill out your agenda and bring it to Ms. Coulter to initial*
- *Sign the spiral notebook with date, time and name*
- *Return to class as quickly as possible*

Make-up work for absent students

- *Assignments and worksheets should be picked up from the bin by the front door when you return to school*
- *Missed quizzes and tests will be made up the next day*

Homework

- *Completed in a composition book*
- *Copy the directions, and problems*
- *Show your work*
- *Place open composition book on the corner of your desk while you start your Bellwork. Ms. Coulter will come around and give you credit for completing your homework.*

Classroom Rules

- *Respect everyone and everything*
- *Come to class on time prepared to learn*
- *Raise your hand to speak and wait to be called on*
- *Follow directions, participate and enjoy learning*
- *Leave gum, candy, tapping, humming and napping out of the classroom*

SSAS Discipline Plan

1st Step : "THE LOOK" or verbal warning

2nd Step: Behavior Essay signed by a parent

3rd Step : Behavior Essay signed by a parent

4th Step: Behavior Essay signed by a parent (3 behavior essays results in detention)

5th Step : County Referral

Rewards

- *Praise, Bonus Points*
- *Bonus Points (can be saved and applied to Quiz or Test Scores)*
- *Pride in your good grades*
- *Hugs, smiles and praise from proud parents*
- *"Joy of Learning"*

ClassroomWish List

Whiteboard markers

Small individually wrapped candy treats

Stickers