

# Syllabus for Math 3

## 2009-2010

### Mr. Don Miller

#### 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. We will place emphasis on strengthening basic skills by using calculators and mental math skills. 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 on FCAT.

#### Homework

Students will be issued a textbook and workbook that they are expected to keep at home. Homework must be completed in the workbook or on loose-leaf paper. Workbook pages can be torn out of the workbook after completing any given night's assignment. Unless otherwise stated, all work must be shown. Homework will be checked at the beginning of class on the next school day. Homework missed due to an absence can be obtained through [www.edline.net](http://www.edline.net). Our math text also has connections to Homework Help Online through [my.hrw.com](http://my.hrw.com). I will give students a username and password.

#### Contacting the Teacher

You may contact me by email at [DonaldMiller@ssas.org](mailto:DonaldMiller@ssas.org).

I try to answer email promptly and usually with 24 hours. You may also contact me by phone. (941 330-1855 ex. 114) 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 call. I try to return phone calls at the end of the school day. Conferences will be scheduled during the year to meet and talk about your child. Please do not pop in before or after class to discuss a concern. I have up to 175 students and need this time to organize my materials, check assignments and help students. I would prefer to talk to you about your child when I can give you my full attention and not be overheard by other students.

#### GRADING:

5%	<b>Bellwork</b>	10%	<b>Classwork</b>	40%	<b>Tests</b>
10%	<b>Homework</b>	35%	<b>Quizzes</b>		

#### COURSE CONTENT

Text - Holt Middle School Math - Course 3 - Florida Edition

**First Quarter:** Chapters 1-3: Order or operations, Number Systems, Absolute value, Integers, Fractions, Equations, Inequalities, Exponents, Scientific Notation

**Second Quarter:** Chapters 4-6: Data Analysis, Frequency Tables, Bar Graphs, Line Graphs, Pie Graphs, Central Tendency, Angles, Congruence, Polygons, Area, Transformations, Slope, Circles, Pythagorean, Coordinate Geometry

**Third Quarter:** Chapters 6-8: Surface area, Volume, Ratios, Proportions, Unit Rates, Unit Cost, Conversions, Similar Polygons, Scale Drawings, Percentages,  $D=RT$ , Choosing Units of Measure

**Fourth Quarter:** Chapters 9-12: Probability, Sequences, Algebra skills

# Mr. Miller Classroom Agreement

**Complete this form and return to Mr. Miller by Friday of the first week of school**

## **Classroom Calculator Policy**

I understand that classroom calculators are supplied as a convenience to students. If the classroom calculator assigned to a student is broken in anyway, I agree to pay \$5 to replace the calculator. It is the student's responsibility to report a calculator that may be broken. A classroom calculator is declared broken at the discretion of the classroom teacher. As an alternative, students may supply their own "basic" calculator on any given day or the entire school year. A "basic" calculator may not have any more function keys than the classroom calculator.

## **Home Computer Policy**

I understand that students are required to check their grades and assignments using *www.edline.net*. I also know that my student needs access to *my.hrw.com* for homework help.

If the student does not have access to a computer at home for these purposes, please check the box below and other arrangements can be made with the teacher.

My student does not have access to a computer at home.

## **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 \_\_\_\_\_

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

8:00 – 9:00 AM at \_\_\_\_\_

4:30 – 5:30 PM at \_\_\_\_\_

6:30 – 9:00 PM at \_\_\_\_\_