

# Naples American High School

## Course Syllabus

Course Name:	Math 7	<b>Course Description</b> <a href="#">DoDEA Course Description Web Site</a>
Textbook:	MathThematics, Book 2 (McDougal Littell)	
Teacher Name:	Ms. Z.	
Phone Number:	629-4499	
Planning Periods:	1,2	
Location:	Room 232	

### Philosophy

In our fast-paced, technologically advanced society, it is becoming increasingly important for individuals to develop competency in mathematics in order to be successful. In addition to educating young mathematicians in fundamental concepts, I believe it is important to provide activities which will help foster skills in problem-solving, critical thinking, and logic. Emphasizing the relevance of math to daily living helps students feel their time spent in class is worthwhile. I also believe that students need to take an active role in their education. It is imperative they maintain a good attendance record and come to class prepared and on time.

### Material

Required: assignment book (student planner), 2-pocket folder, spiral-bound notebook, pencils & erasers, red pen, textbook  
Strongly Recommended: 3-ring binder with folders for organizing assignments, calculator, ruler, compass, protractor, colored pencils

### Grading Policy

A	90-100
B	80-89
C	70-79
D	60-69
F	59 or below

### Assessment

Grades will be evaluated based on the following components:

- Classwork (quizzes, tests, problem-solving sessions, and any other activities we do during class): 50%
- Homework: 30%
- Participation/Notebook check: 20%

### **Homework**

I find that there is a direct correlation between homework completion and test/quiz grades; it is the single best preparation for these more heavily weighted scores. There will be homework three (3) evenings per week, almost without exception. No homework will be given on Friday. The assignment will be based on that day's lesson and will be due at the beginning of class the following day. Your homework will be posted each afternoon on yourhomework.com. Please refer to the website if you failed to write the assignment down in class or left your planner at school. Parents: this is a nice tool for you to keep abreast of your students' homework each night.

### **Late Work Policy**

I do not accept late work. You are expected to turn in assignments the day they are due, unless you have an excused absence, in which case you have one day for every day you were gone to make up the work. I will grant one "mulligan" for homework per quarter; that is, you may fail to turn in one homework assignment without penalty.

### **Tutoring/Extra Help**

All students needing extra help in math are encouraged to see me for a seminar pass. This time will be used for individual instruction, group re-teaching, and conferencing.

### **Classroom Management**

I have a few simple guidelines that keep things running smoothly and disruptions to a minimum; please honor the following:

- Enter the room with a quiet voice, prepared, and be in your seat by the time the bell rings.
- Raise your hand if you have something to share.
- Listen attentively when someone is speaking.
- Request permission to leave the room for any reason, and take a hall pass when you leave.
- Do not bring food, candy, gum, or beverages into the room; bottled water is the exception.
- Show utmost respect for your classmates...this is a learning community.

Consequences for poor choices:

- Verbal warning
- Detention
- Parent conference
- Referral to office

### **Content Outline**

Through lectures and activities, students will learn about, and distinguish between, the different branches of mathematics, including geometry, basic operations, algebra, statistics, and probability. By the end of the course, students should be able to:

- Perform the four basic operations with whole numbers, fractions, and decimals.
- Solve word problems with information displayed in tables, graphs, and charts.
- Formulate word problems involving multi-step operations.
- Convert fractions to decimals and percents.
- Solve problems involving percents.
- Make or draw a model to scale.
- Solve problems in measurement including perimeters, areas, and volumes.
- Identify pairs of angles having special relationships: supplementary, complementary, vertical, and adjacent.
- Identify and use the mean, median, mode, and range to describe data.

### **Additional Information**

You will be issued a textbook during the first week of school. It is your responsibility to keep track of this until June 2006. It needs to be covered with a paper bag (or some other sort of protective covering) throughout the year.

### **Standards**

[DoDEA Curricular Standards Web Site](#)