

# Welcome to Honors Trigonometry/Math Analysis

## Mr. Miller

Welcome to Trigonometry Honors/Math Analysis. This course is designed to challenge your mathematical abilities with the goal of preparing you for the wide range of higher math courses. Your success in this course will be determined solely by **hard work, effort and perseverance**. You must do all of your home learning daily. You are responsible for taking good notes and paying attention in class. Procrastination on your home learning assignments will adversely affect your grade and learning in my class. You must be committed to set aside time in your daily schedule to do the homework assignments on a routine basis. This is the key in conquering mathematics.

### CLASS SYLLABUS

- ★ Your textbook is *Algebra and Trigonometry* by Blitzer and is available on your student portal. A class set is available for use at school.
- ★ I will not follow the book chapter by chapter, but rather to optimize the learning experience.
- ★ **Class Description** – Trig Honors and Math Analysis are courses that expand upon the topics learned in previous courses including Geometry and Algebra. I will NOT be teaching basic arithmetic or skills learned in Algebra and Geometry. Any remedial learning is the responsibility of the student. I will provide resources on my web site for help with required pre-requisite skills.

#### Classroom Procedures:

1. You are required to bring **all** materials necessary to class **everyday**.
2. All work must be done **legibly in pencil or erasable pen**. Digital work is acceptable if sent to my email with the specific assignment (labeled in the gradebook) as the subject line. Assignments completed on mathXL will be submitted electronically.
3. Class activities and assignments will vary. Expect to be actively engaged during the whole class period.
4. You are expected to take care of your business, as in using the restrooms, sharpening pencils, buying candy, etc during the 10 minutes between classes. Once the class begins you are to be seated and engaged. The bathroom pass will be limited to non-lecture times and at the discretion of the teacher.
5. A graphing calculator is not required for the class. I recommend downloading the DESMOS graphing calculator app available for both Android and Apple devices.
6. We will be using MathXL for computer assisted home learning. MathXL works best on a computer or laptop. Tablets or smartphones may not fully support all of the functions. Having a laptop available in class will allow the student to work on home assignments in the classroom when time allows.
7. Cell phones and other electronic devices are useful learning tools, but any disruption in learning will not be tolerated via MDCPS policy.

#### Grading Policy:

Your learning will be assessed in the following ways:

- 1) **Home Learning.** Should be completed daily, assignments and their due dates will be posted at [smmiller.com](http://smmiller.com). MathXL assignments will be posted at that site which is accessible from the student portal. Work submitted after the due date will be penalized as stated in the assignment, but not less than 10% per day up to a maximum of 50%. ALL LATE ASSIGNMENTS should be accompanied by an email ([scottmiller@dadeschools.net](mailto:scottmiller@dadeschools.net)) or they will not be graded. This includes

assignments electronically submitted via MathXL. Some home learning assignments will be graded for completion and some may not be graded at all. **Home Learning is 30% of your grade**

- 2) **Quizzes** will be given frequently and will be composed of questions similar to those assigned in home learning and important information from the lectures. **Quizzes are 30% of your grade.**
- 3) **Exams** are given at the end of each chapter (usually 3-4 per quarter). To be successful in this class you must do well on exams. Exams cover the same topics as the quizzes and assess how well you retain the skills and information. **Exams are 40% of your grade**
- 4) **Grades** are calculated with each category weighted as indicated, not by the number of grades. The weighted average is assigned a letter grade as follows:

**Grading Scale:**

	A(4)	B(3)	C(2)	D(1)	F(0)
Percentage per assignment	90-100	80-89	70-79	60-69	59 and below

**REQUIRED SUPPLIES:**

Each student is required to have in class each day the following materials:

1. Notebook and sharpened pencils and erasers or erasable pens.
2. Graph Paper (when necessary)
3. Graphing Calculator (TI-83 or 84 recommended) or DESMOS graphing calculator app on a device.

**Contacting Mr. Miller:**

Email : [scottmiller@dadeschools.net](mailto:scottmiller@dadeschools.net)

Websites: [www.smmiller.com](http://www.smmiller.com)

Phone: 305-237-3135

**VERIFICATION: Parents you can go to <https://goo.gl/forms/DZ94cyGsGNpeutPC3> and verify that you have read the syllabus. If you prefer to sign, you can print, sign and return the section below.**

----- cut here -----

**STUDENT:** I have read the Trig Honors/Math Analysis Syllabus and understand it.

Print Student Name \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**PARENTS:** My child has discussed the Trig Honors/Math Analysis Syllabus with me. I understand it and will support it.

Print Parent/Guardian Name \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_