

Instructor: **Mr. D'Avanzo**  
Course: **Pre-IB Geometry Honors**  
Rm: 3-001 **E-mail: domenick.davanzo@marionk12.fl.us**  
Year: **2015-2016**

Welcome to Geometry Honors! You have been chosen as the best and the brightest students in Marion County Florida. It will be an honor to have you master the concepts of Geometry that will help make you successful throughout your mathematical classes during your I.B. career.

**Course Description and Objectives:**

Honors Geometry is a **rigorous** course that will challenge the advanced student. It has an increased emphasis on formal proofs and creative applications than regular Geometry. The study of Honors Geometry includes properties of geometric figures, trigonometric relationships, and reasoning to justify conclusions. The workload for this course will require that you invest **significant amounts of time and effort outside the classroom**. A good, positive attitude and the motivation to excel and succeed are essential characteristics that you must possess. The class will only be as good as you choose to make it. The responsibility for your success in Geometry Honors lies with you.

**Concepts Covered:**

- Points, Lines, Planes, and Angles
- Congruent Triangles
- Similar Polygons
- Constructions
- Coordinate Geometry
- Deductive Reasoning
- Quadrilaterals
- Right Triangles
- Areas of Plane Figures
- Transformations
- Parallel Lines and Planes
- Inequalities in Geometry
- Circles
- Areas and Volumes of Solids

**What a Student Must Have:**

3 Ring ½ inch Notebook	Pencil	6 inch ruler/protractor	Compass
TI-30xa Scientific Calculator	Paper	Graph Paper	

**Expectations:**

- **Tardy:** Come to class on time. If not **in desk** when the tardy bell rings you will be considered late. 4 late = ref.
- **Restroom:** You must get permission and write your name clearly on the sign-out sheet. There will be no restroom breaks the first or last 10 minutes of class.
- **Food:** No food or drink allowed other than water which must be in a sealed container.
- **Cell Phone:** No cell phone use without permission.
- **Prepared:** Come prepared to class. This means prepared to work and have all required textbook, notebooks, paper calculator and assignments.
- **Attitude:** Smile, be kind and participate. It's your brain...let it grow!

**Grades:**

HW 10%; Quizzes & CW 40%; Assessments 50%

**Late work Policy:**

If you were present your work should be also. **Sorry no make ups!**  
If you were absent then you will follow student conduct rules for Marion County.

**Academic Dishonesty:** Acts of academic dishonesty will not be tolerated within the IB program and will result in **severe** negative academic and disciplinary consequences.

**Discipline:**

There are consequences for not following class expectations. First offenders will receive an in-class warning; second offenders will receive a documented out-of-class conversation. After that, you will assist me in calling home to discuss your behavioral choices. An official discipline referral will be issued at the fourth offence and for any further offences. Discipline offences "reset" each semester.

Student signature \_\_\_\_\_ Parent Initials \_\_\_\_\_

