

## GEOMETRY HONORS 2017-2018

Course 2532-1H and 2532-2H

### MATH DEPARTMENT

Instructor: Nicole Batta

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Prep: Block 5

Remediation: Block 2

Twitter Handle: @BattaMathClass

#### Course Description

Geometry formalizes and extends students' geometric experiences. Students explore more complex geometric situations and deepen their explanations of geometric relationships moving towards formal mathematical arguments. Six critical areas comprise the geometry course: Congruency and Similarity; Measurement; Analytic Geometry; Circles; and Polyhedra.

One project per nine weeks is assigned and will not be completed during class time. Project descriptions will be given several weeks before the due date in order for students to complete within their own time frame. In order to participate in the Geometry Honors class, a student must have completed Algebra I in the 8th grade or have teacher recommendation.

#### Materials

-- Laptop -- CHARGED

-- Folder with center for paper or Notebook

-- Graphing paper (1/4th inch grid is best)

-- **Pencil and paper daily**

-- Scientific Calculator (can be bought at Walmart for approximately \$10)

-- Graphing Calculator (will be provided) – Note: Freshmen who are taking Honors Geometry should seriously consider purchasing their own graphing calculator – such as a TI-84 or TI-84 Plus since they will likely be taking advanced mathematics courses throughout their high school career and having your own is an advantage.

#### Notebook

You are welcome to keep a notebook to take notes during each class period. You are also welcome to print out the notes from itslearning **before** class. It will be available to you online at itslearning.com. It will likely be more to your benefit to obtain a folder or binder to organize any your notes if you plan to print them out for each class. *Printing them makes understanding the notes much easier than taking notes in a notebook.*

#### Attendance and Make-up work

It is very important that each student be in class every day. Much material is covered in the 90 minutes of a block scheduled class. Please try very hard not to miss a class – it is very difficult to catch up. If you must miss class, make-up work is your responsibility. You should check with me the day you return to school (even if this class does not meet) to determine the work which can be made up. You have the number of days missed to complete work missed. Any assignment due the day you missed is due the day you return. All work can be made up in accordance with the rules specified in the student handbook.

**I will not accept late work unless you were absent that day.**

*\*If you or a parent would like to email me directly when you are absent, you are more than welcome to – assignments will be uploaded at itslearning.com for you to complete at home.*

**Even if math is not your favorite class or you have always struggled with math, you should ALWAYS get help if you start to fall behind or not understand something. It's your job to advocate for yourself when you are struggling.**

You can see me before school (I'm here at 6:00 am every morning), during my math help period 2, during my prep period 5, or go to any math teacher during your seminar to answer your questions. You are also welcome to email me at [nbatta@greensburg.k12.in.us](mailto:nbatta@greensburg.k12.in.us) or contact me via Twitter to ask questions in the evening while doing your homework.

#### Grading

**In Honors Geometry, tests are worth 70% of your grade and homework is worth 30%.** You will be given homework daily. Late homework will be accepted only if you are absent. However many days you are absent, that is how many days you have to get me the missing assignment. Since this is an Honors course, if you attend class, but do not have your homework complete, you will receive a zero for that assignment. You will be notified of a test at least one week prior and will also be given a unit review packet of problems before tests so that you are aware of the type of problems you may see on the test.

#### Other Notes

I update grades each day, so please feel free to check Parent Connect daily for your most up-to-date grade. You are more than welcome to call or email if you have any questions or concerns about what you see in SDS. I also return emails daily, so if you or a parent have a question or concern, please don't hesitate to contact me via email or phone (contact info listed at the top).