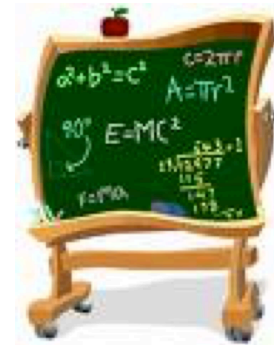




# Geometry



**Ms. Wemssen**  
**2016 - 2017**

## Course Content:

In order to prepare you for the Regents exam in June, we will be covering the following topics:

Plane Geometry	Constructions	Triangle Properties
Congruent Triangles	Similar Triangles	Quadrilaterals
Coordinate Geometry	Transformations	Circles
Right Triangle Trigonometry	Solids	Indirect and Direct Geometric Proofs

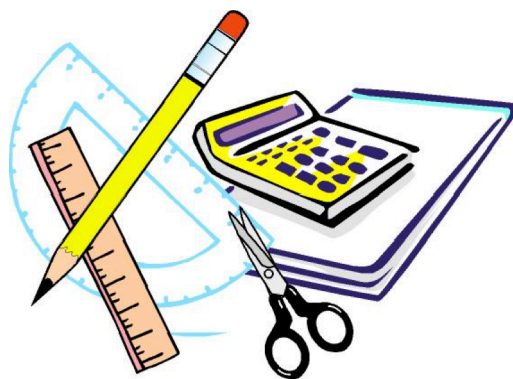
## Tentative Exam Date

*Friday June 16<sup>th</sup> – Common Core Geometry Regents (morning exam)*

## Supplies:

You are expected to come to class **prepared** with:

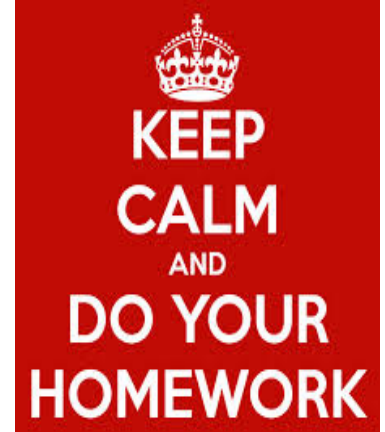
- A binder
- Loose leaf
- Pen/Pencil
- Index Cards (4x6 is preferred)
- Graph paper
- Ruler, Protractor, and Compass\*  
\* An all in one ruler/protractor/Compass will be sold in the school store. This is the same tool that we will be using in class.
- Graphing Calculator: TI – 84, or TI – 84 Plus (optional)\*\*  
\*\* You may purchase your own calculator to use at home. In school, a class set of calculators will be available during units that require the use of a calculator.



## **Grades:**

### Homework (15%)

- You should expect to receive homework every night
- You will receive an assignment sheet at the beginning of each unit
- It will be checked on a regular basis and will earn 0, 1, or 2 points
  - 2 points: the entire assignment is complete with necessary work shown
  - 1 point: half the assignment is complete with necessary work shown
  - 0 points: homework is not complete or less than half of the assignment is completed with only answers shown



### Tests & Quizzes (80%)

- There will be a test at the end of each unit
  - Test dates will appear on the assignment sheet
- There will also be at least one quiz during each unit
  - Announced quizzes will appear on the assignment sheet
  - Some quizzes will be unannounced
  - Some quizzes will be take – home

### Spiral Review Assignments (5%)

- You should expect to receive one or two review packets per quarter
  - The packet will contain questions from all previous units
  - You will have about a week to work on the packet

## **Class Participation:**

You are expected to be an active participant during class. This includes asking questions, answering questions, volunteering to come up to the board, as well as working with others during group or partner work. You will also need to complete the “Do Now” assignment that will be on the board when you enter the classroom. At the end of the month, the “Do Now” packet will be collected and graded as a spiral review assignment.

## **Missing Class:**

You are responsible for obtaining any missed work

- Please get the notes from a classmate
- If you miss class, but are in school I expect to see you that day
- Missed tests or quizzes need to be made up within one week
- If you miss a review day, you are still expected to take the test or quiz

## **Extra Help:**



- Any time you are absent or confused about a topic you should come to extra help ASAP. Extra help is in room 129.
- Here are some GREAT websites to check out:

<http://www.regentsprep.org>

<http://www.factmonster.com/>

<http://www.barronsregents.com>

<http://www.themathleague.com/>

<http://www.coolmath.com/>

<http://www.funbrain.com/numbers.html>

<http://www.mathforum.com/library/drmath/drmath.high.html>

- Don't have a calculator at home? Try these virtual calculators:

<https://www.desmos.com/calculator>

[http://my.hrw.com/math06\\_07/nsmedia/tools/Graph\\_Calculator/graphCalc.html](http://my.hrw.com/math06_07/nsmedia/tools/Graph_Calculator/graphCalc.html)

<http://www.coolmath.com/calculators/scientificcalc.htm>

<http://www.meta-calculator.com/online/>

### ***Join Our Edmodo Group!***

- Go to [www.edmodo.com](http://www.edmodo.com)
- Sign into your account (If you don't have an account, you will need to create one)
- The group code for this class is: dh4m5m
- Important information will be posted to this group throughout the school year ☺