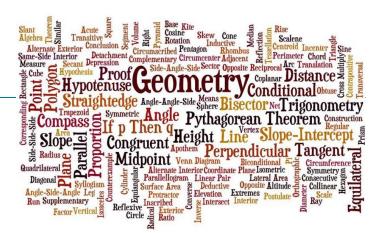
# GEOMETRY

# 2014 - 2015

# Ms. Jen Schultz

Contact info: Phone: (480) 497-0177, ext. 373





# jen.schultz@gilbertschools.net Course Description

#### Website:

Email:

www.schultzjen.weebly.com

#### **Supplies**

- A binder
- A writing utensil
- Paper
- A great attitude

Students will be required to keep a binder for their Carnegie text/ notes book.



#### **Need Help?**

I'm available during BOTH lunch hours and after school until 3:15 (except on Wednesdays). Geometry begins with developing the tools of geometry, including transformations; coordinate geometry, proof, and constructions. These tools are used throughout the course as students formalize geometric concepts involving lines, angles, perimeter, area, surface area, volume, congruence, similarity, triangles, quadrilaterals, trigonometry, circles, and parabolas. There is a focus on modeling, problem solving, and proof throughout the course.

# **Topics Outline**

- 1. Tools of Geometry
- 2. Introduction to Proof
- 3. Perimeter & Area of Geometric Figures
- 4. Three-Dimensional Figures
- 5. Properties of Triangles
- 6. Similarity Through Transformations
- 7. **Congruence Through Transformations**
- **Using Congruence Theorems** 8.
- 9. Trigonometry
- 10. Properties of Quadrilaterals
- 11. Circles
- 12. Arcs & Sectors of Circles
- 13. Circles & Parabolas

# Carnegie Learning & A Collaborative Classroom

The Carnegie Learning philosophy – Learning by Doing – captures the belief that students develop understanding and skill by taking an active role in their environment. Furthermore, Carnegie Learning believes that effective communication and collaboration are essential skills for the successful learner. It is through dialogue and discussion of different strategies and perspectives that students become knowledgeable independent learners. These beliefs can be realized in the collaborative classroom.

### Grades

The following factors will be used in calculating your semester grade:

- 9 Formative Assessments  $\sim 25\%$ 
  - $\geq$ In-class work and participation, homework, note quizzes
- **d** Summative Assessments ~ 55% Quizzes, tests, and projects
- 9 Semester Exam  $\sim 20\%$

### Homework

Homework is assigned daily and is graded as follows:

- **Completion: 5 points** •
  - 2 point deduction for late work
  - "past due" one week & a day from when assigned - may submit completed assignment for 3/10
- Accuracy: 5 points I spot-check 5 problems – work <u>must</u> be shown to receive credit.

#### 2 TYPE TITLE HERE



#### **District Policy:**

Electronic devices are to be turned off during school hours and kept in backpacks, purses, or pockets during each instructional period. Electronic devices will be confiscated from any student found to be out of compliance with this policy. Phones can be picked up at the end of the school day.

# **Classroom Expectations**

A pupil's success in school is his/her responsibility. I am dedicated to helping all students succeed. It is my goal this year to provide a positive and wellstructured environment in my classroom. As a teacher, I believe that every student can behave appropriately while in my classroom and that every student has the capability to succeed. I will, however, tolerate no student stopping me from my teaching and/or any student from learning. Your support of the following rules and recommendations will help ensure this environment is present.

- Follow directions the first time given.
- Be on time and prepared for class.
- Be attentive and participatory. Respectfully participate in discussions without profanity, disrespect, or incivility toward the instructor or other students.
- Be respectful of the instructor and other students. There is no talking when others are talking.
- Raise your hand to speak and remain in your desk until you have permission to leave.
- Do not pack up until one minute before the bell.
  - Backpacks and purses on the floor, please.

Consequences for failing to meet expectations:

1<sup>st</sup> offense Warning

2<sup>nd</sup> offense Parent/guardian contacted

#### <u>3<sup>rd</sup> offense</u> 15-minute lunch clean up





Tardy? Report to SWEEP

#### Sign up for Ms. Schultz's messages:

# remind

To receive messages via text, text your class code to (480) 878-7859. You can opt-out of messages at any time by replying "unsubscribe <class code>"

Class code: \_

# Attendance

Attendance is an integral part of success in both a child's academic world and life after graduation. When an absence is excused, students are allowed one day for each day absent to submit make-up work.

Students are expected to get any work in advance if they know they will be missing school.

It is the student's responsibility to find out what was missed before or after class, *not during class time*. Be sure to check the calendar—located on the front table—and file folders for homework and handouts. All tests and quizzes must be made up by appointment only.



#### Getting Started with the Carnegie Learning Resource Center - Student Account

To access the Carnegie Learning Resource Center, you first need to register. You will need a valid e-mail address and a Student Access Code (listed below).

#### **Registration**

- 1. Visit: http://resources.carnegielearning.com
- 2. Click the "Register" link in the light blue bar at the upper right of the page.
- 3. Click on the "Register as a Student" link.
- 4. Enter your student access code: 4729 3098
- 5. Enter the rest of your contact information
- 6. Click "Register" button
- 7. You will be sent an activation e-mail. Open and click on the activation link.
- 8. You are now registered! Log into the site using your email address and your password. To access Textbook files, click on the "Textbooks" button.