



**Public Academy for Performing Arts  
Course Syllabus 2018-2019**

**Course Name:** Geometry

**Teacher:** Mrs. Westerfield

**Room:** 8 **Period:** 2<sup>nd</sup>, 3<sup>rd</sup>, 5<sup>th</sup>, 7<sup>th</sup>

**Phone:** (505) 830-3128 Ext. 108

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**School website/link:** <http://www.paparts.org/>

**Prep period:** 4<sup>th</sup> period

**Welcome to our 2018-2019 school year here at PAPA!!!**

<b>Course Description:</b>	
This is a one-year course to develop and practice problem-solving skills using inductive and deductive reasoning. Students are guided through all the conceptual and working levels of the process using geometry. It uses two and three-dimensional geometric shapes (points, lines, planes, triangles, polygons, circles, and solids) and examines their properties, measurements, and mutual relations in space. Geometric-proofs are used as a vehicle to systematically develop these problem-solving skills by relating geometric shapes. The eight mathematical practices will be embedded into each of the areas of mathematics.	
<b>Objectives for this course</b>	
<ul style="list-style-type: none"> <li>*Student will demonstrate knowledge of geometry and its applications in the real world.</li> <li>*Student will know how to communicate geometric ideas in the language of the mathematician.</li> <li>*Student will apply appropriate techniques, tools, and formulas to determine measurements.</li> <li>*Student will select and use units of appropriate size and type to measure angles, perimeter, area, and volume</li> <li>*Student will gain more profound understanding of measurement and of geometry.</li> </ul>	
<b>Teaching style for this course</b>	
I will do my best to help you all reach the top of the pyramid of Bloom's Taxonomy and Webb's Depth of Knowledge within this course. We will spend about 2/3 <sup>rd</sup> s of class time applying and analyzing knowledge (DOK 2-3) and the other 1/3 <sup>rd</sup> of class time creating/evaluating information (DOK4). Ultimately, I think the best way to learn math is to do math. *Grades will nearly always be in PowerSchool by Sunday evenings for the previous week's assignments.	
<b>Grading:</b>	<b>Classroom Expectations:</b>
40% -Homework and daily assignments 40% -Tests/Quizzes/Projects 20% -Attendance, Participation, and Behavior during class <u>Attendance</u> in class is <b>NOT</b> an OPTION!!! We <b>WILL</b> do work in class <b>EVERY DAY</b> . If you are ever absent, it is <b>YOUR</b> responsibility to ask for missing work and to get it in THE NEXT DAY.	<p align="center"> <b>Be respectful</b>  <b>Be responsible</b>  <b>Be ready for class</b>  <b>Be reliable</b>  <b>Be a role model</b> </p> <p align="center">Purses, bags, and backpacks are NOT allowed on top of the tables!</p>
<b>Required Materials: ALL materials should be brought to class on a daily basis.</b>	
+One three ring binder at least two dividers +LOTS of pencils, two color pen, and eraser +Scientific calculator (recommended calculator: TI 83+ or TI 84) +Two boxes of Kleenex (brought to class)	+Quad filler paper (160ct)      +Ruler/straight-edge +Color markers                      + Compass/protractor +1 container of Clorox (or similar)      + One spiral notebook
<b>Textbooks and resources used by teacher</b>	
Pearson Geometry Common Core textbook (Two books will be provided one for the classroom and one for home use) Problem based tasks for Mathematics I (Walch Education) Teaching the CC Math Standards with Hands-on activities (Jossey-Bass) Holt Geometry textbook Teacher worksheets created	

**Seating chart can be enforced any time during the semester if necessary!!**

August 15, 2018

**Dear Parents/Guardians,**

It's school time again! I am very excited to have your child in my classroom. I believe if we all work together we can make this a very successful year. I believe that success is in large part a reflection of your participation in your child's educational experience. Unlike other classes your child cannot cram for a math exam. It takes practice and repetition to learn the skills needed to do well in my class.

To make sure they have an opportunity to practice there will be daily in-class assignments and 2-3 homework assignments per week. I do require ALL work or steps for each problem worked in or out of class to be shown, or your student will receive a zero. There will also be a test at the end of each section to gauge their understanding of the material.

You are invited to phone me or email me any time that you have a question concerning your child's progress. I consider it a great privilege and responsibility to be your child's teacher this year and look forward to meeting each of you.

Please refer to the syllabus for additional information.

Sincerely,

Mrs. Monica Westerfield  
PAPA Math Instructor  
[mwesterfield@paparts.org](mailto:mwesterfield@paparts.org)

Parent/guardian signature \_\_\_\_\_ Date \_\_\_\_\_

E-mail address \_\_\_\_\_ Phone number \_\_\_\_\_

**Dear Student,**

In my class you can choose to participate, choose to do your work, and choose to try your hardest. If you do this I will make sure you are successful in my class. I'm here to help if you just ask. You can also choose not to be successful BUT remember either way it is your choice. Your grades are directly related to your efforts in my class. To be successful in math you have to practice.

Student name \_\_\_\_\_ Date \_\_\_\_\_

PAPA E-mail address \_\_\_\_\_ Phone number \_\_\_\_\_