

Public Academy for Performing Arts
Pre-Algebra
Mrs. Torrez

Purpose:

This class will work toward pre-algebra math standards, filling in gaps in skills based on assessment and IEP needs. This class is designed to prepare students for Algebra Special Ed.

Homework : Homework is extra practice to master skills that have been taught but are weak. Students will need on-line access for this. If they do not have access other arrangements will be made. This will not be part of their grade, however they will be graded on progress in these skills. There will be weekly quizzes to measure progress.

Daily Work: Classwork Monday –Thursday will consist of a bell ringer for review of skills, whole group instruction and small group practice of skills and an exit slip for independent practice. Students will be assessed at the end of each unit for mastery of skills. (On these assessments any grade lower than a 60% will be recorded in the grade book as a 60%-students will see their actual scores)
Fridays will be independent skill practice and quizzes to work on skills based on their individual needs.

Projects: Students will be given a real work math activity/project each quarter. Once the project is assigned students will have 2-3 weeks to complete. The information will go home via e-mail and also a rubric sheet that they will need to return signed for a portion of their grade. Any student that does not turn it in on time will come in at lunch daily to work on the assignment until it is completed.

Grades:

10% attendance
50% Classroom Participation
20% Quizzes/Unit assessments
20% Project

20% of the semester grade will be the final which may be a test, project or both.

Classroom Rules and Discipline Policy:

1. Be respectful to adults and peers
2. Be respectful of each other's space
3. Be respectful of each other's right to learn
4. Be on time and prepared for class.

Students are expected to have their interactive notebook (kept in the class), a pencil and their agenda& homework folder out and starting on the bell ringer within one minute of the bell.

Cell Phone Policy:

Students are to put their cell phone into the cell phone pocket by the door upon entering the class. It need to be off or on silent. Any cell phones that are not in the pocket will be taken away and returned at end of class. If this happens more than once the phone will be taken to the office to be picked up at the end of the school day.

Powerschool:

Parents and students may log in to check their grades on Powerschool at any time'

Please keep this syllabus for future reference

Carol Torrez

The School's Phone # 830-3128

Cell # 363-4612

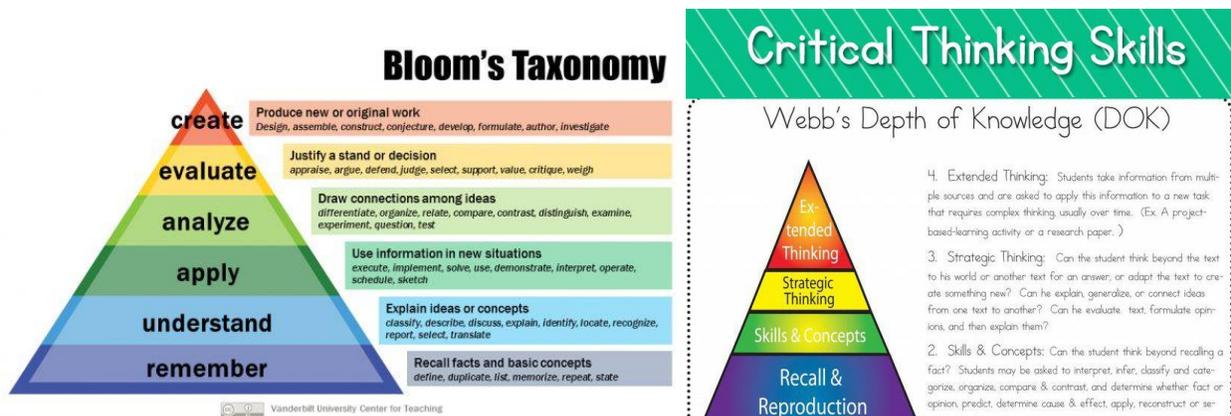
ctorrez@paparts.org

Remind: I will also be using the Remind app to help contact you about info for the class. If you join remind your child will get 25 extra credit points for their project grade.

<https://www.remind.com/join/dfd7hf>

This syllabus will also be on the google classroom site all year. You can have your child show you this as well.

At PAPA we all have high expectations for the students we use the following to help us plan out instruction.



Math Standards Pre-Algebra Special Ed Math

Standards picked to cover as much as possible of basic standards that will be needed to do algebra and geometry.

These will be adjusted as needed based on IEP Needs and student progress and understanding.

In Order of Units	CC Standards	Skills
Numbers	5.NBT.A.1,2,3 6.NS.C.5, 6,7 & 8 7.NS.1,2 & 3 8.NS.1	Expanded Notation ($\times 10^6$) Positive and Negative Numbers, Irrational and rational numbers, ordering numbers, absolute value, graphing to find distance with absolute value. Positive and negative numbers with fractions, dividing integers, solving real world problems with integers.
Expressions and Equations	6.EE,2-4, B 5-9 & C.9 7.EE.A 1, B 3-4 8.EE. A 1-4	Write expressions with letters for numbers, solve for variables, generate equivalent expressions, real world problems solving using

		<p>variables, inequalities, dependent and independent variables, operations with negative and positive numbers, exponents, square root and cubed root, power of ten and scientific notation.</p>
<p>Geometry</p>	<p>6.G.A.2,3 & 4 7.G.A.1,2,&3 7.G.B.4, 5 & 6 8.G.A.1-5 8.G.B. 1-8 8.G.C.9</p>	<p>Solve real-world and mathematical problems involving area, surface area, and volume.</p> <p>Draw construct, and describe geometrical figures and describe the relationships between them.</p> <p>Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.</p> <p>Understand congruence and similarity using physical models, transparencies, or geometry software.</p> <p>Understand and</p>

		<p>apply the Pythagorean Theorem.</p> <p>Solve real-world and mathematical problems involving volume of cylinders, cones, and spheres.</p>
Measurement & Data	5.MD.A.1,2,3	<p>Convert like measurement units within a given measurement system.</p> <p>Represent and interpret data.</p> <p>Geometric measurement: understand concepts of volume.</p>
Ratio	<p>6.RPA.3</p> <p>7.RPA.1,2 & 3</p>	<p>Use ratio and rate reasoning to solve real-world and mathematical problems.</p> <p>Recognize and represent proportional relationships between quantities.</p> <p>Use proportional</p>

		relationships to solve multistep ratio and percent problems.
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All students will independently work on mastery for the following:

Adding, Subtracting, Multiplying and dividing whole numbers, decimals and fractions.	3.OA.AOA.C.7	Dividing Fractions
	3.OA.D.8	Dividing Multi-digit numbers
	4.OA.A.2	
	5.OA.A.1	Add, Subtract, Multiply and Divide Decimals
	6.NS.A.1	
	6.NS.B.2,3,& 4	