



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

Course Name: Algebra 1

Teacher: Mrs. Westerfield

Room: 8 **Period:** 6th

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

Prep period: 4th period

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

Course Description:

This algebra course allows the student to use problem solving, visual learning, big ideas, interactive learning and differentiated instruction to master the Algebra 1 Common Core State Standards for mathematics. The student will be expected to utilize the following mathematical practices:

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| 1. Make sense of problems and persevere in solving them. | 5. Use appropriate tools strategically. |
| 2. Reason abstractly and quantitatively. | 6. Attend to precision. |
| 3. Construct viable arguments and critique the reasoning of others. | 7. Look for and make use of structure. |
| 4. Model with mathematics. | 8. Look for and express regularity in repeated reasoning. |

Objectives for this course

- * Students will demonstrate strong problem solving and reasoning skills to develop mathematical proficiency.
- * Students will simplify and/or solve a wide variety of number and algebraic expressions (including exponents and radicals).
- * Students will understand linear functions, graphs, inequalities and solve linear equations (including systems).
- * Students will represent, describe and compare data sets.
- * Students will understand quadratic functions, their graphs and solve quadratic equations.

Teaching style for this course

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 2/3rds of class time applying and analyzing knowledge (DOK 2-3) and the other 1/3rd 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.

Grading:

40% -Homework and Daily Assignments
40% -Tests/Quizzes/Project
20% -Attendance, Participation, and behavior during class.

Attendance in class is **NOT** an OPTION!!! We **WILL** do work in class **EVERY DAY**. If you are ever absent, it is **YOUR** responsibility to ask for missing work and to get it in THE NEXT DAY.

Classroom Expectations:

- Be respectful**
- Be responsible**
- Be ready for class**
- Be reliable**
- Be a role model**

Purses, bags, and backpacks are NOT allowed on top of the tables!

Required Materials: ALL materials should be brought to class on a daily basis.

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|--|----------------------------|----------------------|
| +One three ring binder at least two dividers | +Quad filler paper (160ct) | +Ruler/straight-edge |
| +LOTS of pencils, two color pen, and eraser | +Color markers | +One spiral notebook |
| +TI-84 Plus Scientific calculator (recommended Silver Edition) | | |
| +Student Textbook: Pearson Algebra 1 (Two books will be provided one for the classroom and one for home use) | | |

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

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 _____