

Public Academy for Performing Arts
Math Strategies Room 16
Mrs. Torrez

Purpose:

This class will help prepare the students for math in the real world. The students will participate in the classwork of their peers when in class to help build skills and the homework will be individualized to meet their IEP needs.

Teaching Style: I have a very structured classroom with high expectations and routines. However I also believe in bringing fun into the classroom with learning games and activities as well as using rewards to encourage students to achieve at the highest level.

Student Activities for Learning: In class activities will cover new skills each week. A quiz will be given to assess retention of materials but will just be given a participation grade.

Assessments: Students will be assessed using IXL diagnostic at the beginning of the year and each quarter. This will assess overall growth and mastery of concepts. At the end of each week their Smart score on the homework topic will be used to determine if more work is needed on the skill or if they are ready to move on to a new skill.

Attendance: Students need to complete homework when they are absent. Other work will be excused.

Class Activities: Students will do whole group, small group and independent work. They will be graded on participation. As long as students are working and doing their best they will get all their points.

Homework: On Mondays (or the first day of the week) the homework is an EdPuzzle Video with questions designed to teach the homework skill. After that they are required to do at least 20 minutes a day of IXL on the current topic, Tues, Wed and Thurs for a total of 1 hour a week. If they reach the 80 Smart score before the hour is up, they need to work on recommendations to complete the full hour. (If they miss a day they must still complete the hour)

IXL is graded as follows:

The amount of time worked will be divided by 60 to get a percentage. (example if they work 30 minutes they would get 50%)

Students may only make up homework if they are out sick and parents notify me that they are too sick to make it up. (Communication is key if I am allowing kids to make up the homework)

Grading Policy:

15% Quiz Participation

25% Homework

60% Class Activities

Classroom Materials:

Students have an in class resource and data notebook that they keep for use in the classroom.

There will be online notes posted for the homework as needed in the resource notebook. .

Class Code: srcqoz6

Classroom Expectations:

Come in and start the bell ringer. (working on your own or with your group depending on the prompt)

1. During whole group instruction listen with your eyes and ears
2. During Group work, conversations are about math, and you are writing down your math and comparing answers so each member of the group is learning. (Don't just sit and make your group/partner wait on you)
3. During independent work time there is no talking. Write down the math and stay focused. No getting onto other sites on your computer.
4. REMEMBER:
 - We are a class!
 - Everyone is valued!
 - Everyone makes mistakes!
 - Treat everyone as you want to be treated!

Material Management

1. When you come into class put your belongings away (phone off and in backpack).
2. Collect your Chromebook, folder and pencil box that are assigned to you and come to your table. Check to make sure you have everything in the pencil box and let Mrs. Torrez know if you are missing anything.
3. Make sure you take care of all the materials that have been provided to you.
4. Make sure everything gets put away at the end of the class period.

Contact Info:

Cell #- 505-363-4612

Email ctorrez@paparts.org & ctorrez@paparts.net

If you text or email I will respond quickly during school hours. Phone calls will be returned no later that 24 hours (during school days).

In Class Topics

Units Covered in Class	CC Standards	Skills
Numbers	5.NBT.A, 5.NBT.A.4	Place Value, expanded notations
Adding, Subtracting, Multiplying and dividing whole numbers, & Decimals	4.NBT.B.4 4.NBT.B.5 4.NBT.B.6	Divide Multi-digit numbers Add, Subtract, Multiply and Divide Decimals
Equations	5.OA.A 6.NS.C 6.EE.A.2, 6.EE.B	PEMDAS Integer Operations Solving 1 step equations Solving 2 step equations
Statistics	6.SP.A.2 6.SP.A.3 6.SP.B.5.C	Mean, Median, Mode and range Quartiles and averages
Fractions	4.NF.A.1 5.NF.B, 5.NF.A, 5.NF.A.2 5.NF.B.7 7.NS.A.D.2	Equivalent Fractions Mixed and Improper Fractions Multiplying Fractions & Dividing Fractions Adding and Subtracting Fractions with common denominators Convert Fractions to Decimals
Geometry	3.MD.D.8 6.G.A.1	Area and Perimeter of basic shapes
Graphing	5.G.A.1 5.G.A.2 6.G.A.3	Graphing on coordinate plane
Symmetry	4.G.A.3	Lines of symmetry, rotational and radial symmetry

Topics Covered in Homework include: Time, Money and Consumer Math and Measurement

As teachers we use Webb's depth of knowledge to make sure students are working on all levels to ensure that they are learning the materials at the highest level possible.

Webb's Depth of Knowledge

DOK Level 1
(Recall)

Verbs: arrange, calculate, define, draw, identify, list, label, illustrate, match, memorize, recognize, tell, ...

Focus: on specific facts, definitions, details, or procedures

DOK Level 2
(Skill / Concept)

Verbs: categorize, cause/effect, classify, compare, distinguish, estimate, graph, interpret, modify, predict, relate, show, summarize, ...

Focus: on applying skills and