

**JANE S. ROBERTS K-8 CENTER**  
**7<sup>th</sup> GRADE MATHEMATICS**  
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**Course Description**

The purpose of this course is to equip students with Mathematical Learning strategies, critical thinking and problem solving skills that enhance their learning experiences on the subject and increase the likelihood of higher level performance in academics.

**Some of the Clusters and Math Practices that will be assessed are:**

1. Ratios and Proportional Relationships.
2. The Number System.
3. Expressions and Equations.
4. Geometry and Measurement.
5. Statistics and Probability.
6. Understand the connections between proportional relationships, lines, and linear equations.
7. Analyze and solve linear equations and pairs of simultaneous linear equations
8. Make sense of problems and persevere in solving them
9. Reason abstractly and quantitatively.
10. Construct viable arguments and critique the reasoning of others.
11. Model with mathematics.
12. Use appropriate tools strategically.
13. Attend to precision.
14. Look for and make use of structure.
15. Look for and express regularity in repeated reasoning.

**Course Requirements**

1. Complete all class assignments, online assignments, and Interactive Notebooks.
2. Complete all Quizzes and Chapter Tests (A reasonable amount of extra time will be given)
3. Home Learning is MANDATORY. Failure to do it will result in detentions and zeros. Home Learning policy to follow.
4. Complete all FSA Math preparation tests.
5. Study and Review the lessons we cover in class using the Interactive Notebook, Home Learning, extra practice, and online textbook.
6. The student must earn a minimum of 10 points to pass the course.

**Materials (Must have 1-10 at all times from now until the end of the school year)**

1. One three ring binder (2inch) or folder with pockets and 3 prongs
2. Composition Notebook for Interactive Notebook
3. An agenda to write down the home learning
4. Lined notebook paper
5. Five #2 pencils (sharpened)
6. Eraser
7. 2 Red Pens
8. Graph paper
9. A Four function calculator
10. Colored pencils
11. 2 Glue sticks
12. Ear buds or headphones
13. Pack of copy paper
14. Small bottle of hand sanitizer
15. 2 Boxes of Tissues
16. 2 dry erase erasers OR 2 dry erase markers

## Classroom and School Rules

1. Be in your seat with **all materials (Math binder, #2 pencil, red pen, calculator, and McGraw Hill Pre-Algebra work book)** prepared to start working as soon as the bell rings. **If you are late to class you will not be allowed in without a late pass.**
2. Pay attention and follow directions at all times. When the teacher is teaching students should be on task. When you are working in groups you must be on task.
3. Raise your hand when you have a question. Participate in the lesson. Complete your work.
4. **The workbook should be inside your binder every day. If you lose or damage it you must pay to replace it.**
5. **Home learning** reinforces daily lessons, and it is **MANDATORY**. **Missing a home learning assignment is equivalent to a zero. Lack of home learning will affect the academic as well as the effort grade.**
6. Enter and Exit the room in a quiet and an orderly fashion.
7. It is extremely important that you **attend class daily**. If you are absent due to illness you must bring a note from your parents upon returning to school and turn it into the office for an admit into class. If you are absent for three or more days, you must bring a doctor's note. Any absence without a note will be marked as "Unexcused."
8. **You are responsible for making up any missed assignments, Interactive Notebook, tests, and Home learning.**
9. Five Bathroom passes will be given out at the beginning of each nine week period to be used for the bathroom or water and nothing else. Once they are used up, no more will be giving.

## Home Learning Policy

1. Home Learning will be given in each class.
2. It will be exchanged in class and checked by another student.
3. You will then correct it at home and have it signed by your parent.
4. Then you will receive credit for your home learning.
5. For every 3 home learnings corrected and signed by parent will be an A.

*I am looking forward to a productive and fun school year. My goal is to make a difference in how you see, understand, and appreciate Mathematics. Always try your best and you will see the results. It's okay to not know, but not okay to not try!!*

Sincerely,

*Mrs. Milian*

I have read and understood everything on this syllabus. I promise to comply with it.

Students' Name \_\_\_\_\_ Date \_\_\_\_\_

Students' Signature \_\_\_\_\_

Parents' Name \_\_\_\_\_ Date \_\_\_\_\_

Parents' Signature \_\_\_\_\_

Parents' contact telephone numbers \_\_\_\_\_

Parents' e-mail address \_\_\_\_\_