

# Pre-Algebra Syllabus

## **Supplies:**

You are expected to come to class prepared every day with:

- Sharpened pencil with eraser/mechanical pencil
- Glue stick
- Notebook
- Textbook
- Workbook
- Scientific Calculator

## **Topics Covered:**

- Operations with rational numbers – decimals, fractions, percents and negative numbers
- Ratio concepts and using ratio reasoning to solve problems
- Applying and extending previous understanding of arithmetic to algebraic expressions
- Solving algebraic equations and inequalities
- Graphing in the coordinate plane and linear functions
- Probability
- Utilizing different ways to display and analyze data
- Two- and three-dimensional geometry
- Percent, interest, tax

## **Notes:**

Taking notes is mandatory in my class and notebooks will be collected and graded at the end of each chapter. Your notes for each lesson must include a title, date, summary/explanation of the lesson, and example(s).

## **Homework:**

Homework assignments are given to reinforce the lessons that are taught in class. Since a new lesson is taught almost every day in class, you will have homework almost every night. Nightly homework is not typically collected and graded for correctness, but is always checked for completeness.

## **Grading Policy:**

I use the point system of grading. Every assignment I give is worth a certain point value. Your final grade in the class is determined by dividing the sum of your earned points by the sum of the possible points on all of the assignments. A breakdown of the typical point values of assignments is listed below:

- Tests: 1 point per question
- Quizzes: 1 point per question
- Notes: 50 points per trimester
- Homework: 2 points per day
- Classwork/Projects: points vary based on assignment
- Participation: 1 point per day

Tests: 30%    Quizzes: 20%    Classwork: 30%    Homework: 10%  
IXL: 10%

## **Extra Help:**

If you are ever struggling with a concept we are covering in class please see me for extra help. I am available most days after school and/or during lunch/recess for extra assistance.