8th Grade Math
562 – 8131
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Grading for each quarter
Class Practice - 10%
Homework – 10%
Quizzes – 35%
Tests – 45%

Overall class grade:
1st quarter - 20% 2nd quarter - 20%
3rd quarter - 20% 4th quarter - 20%
Final Exam - 20%

Class Practice
   A. Practice problems that are done during class either individually or with a partner
   B. Work must be shown to get credit
   C. Class practice problems are 10% of your grade

Home work
   A. Given Monday - Friday
   B. Work must be shown in order to get credit
   C. Homework is 10% of your grade
   D. Extra Practice Problems are available upon request to replace a missing assignment

Quizzes
   A. Given at the mid-point of a chapter
   B. Quizzes are 35% of your grade
   C. Students can re-take quizzes after reviewing missed questions with the teacher

Tests
   A. Tests are given at the end of each Chapter
   B. There will be an in-class review activity the day before the test
   C. Students will receive a study guide along with the answers to take home the night before the test
   D. Tests are 45% of your grade

8th Grade Math Outcomes:

Unit 1 *Real Numbers*	• Properties of integer exponents • Definition of scientific notation • Operations with scientific notation • Compare the size of objects in scientific notation
Unit 2 *Expressions and Equations*	• Solve equations with rational coefficients • Solve equations in the form of $p = x^2$, where p is a perfect square • Constant rate of change • Slope • Slope-intercept form • Write linear equations • Solve systems equations graphically • Solve systems of equations algebraically
Unit 3 *Functions*	• Definition of a function • Linear functions • Comparing Functions • Constructing functions
Unit 4 *Geometry*	• Angles formed by parallel lines • Angles of a triangle • Transformations • Definition of congruence • Definition of similarity • Volume • Surface area
Unit 5 *Statistics & Probability*	• Scatter plots • Lines of best fit • Linear and non-linear association • Descriptive statistics • Measures of variation • Analyze data distributions
Unit 6 *Post-Test Topics*	• Simplifying radicals • Pythagorean Theorem • Using Pythagorean Theorem to find distance

Math Syllabus Signature Page

- ***Please sign and return this page of the syllabus to Mrs. Lapoint.***

- ***The rest of the syllabus should be kept in the front of your math notebook***

I have read all 4 pages of the attached syllabus. I agree to follow the class procedures that are outlined.

_____   _____

Print student's name   Student signature

_____   _____

Print parent/guardian's name   Parent/guardian signature

_____

Date