



Math Curriculum Overview

6th Grade Math

- Unit 1: Ratios and Proportional Relationships
- Unit 2: The Number System
- Unit 3: Expressions and Equations
- Unit 4: Geometry

7th Grade Pre-Algebra

- The Language of Algebra
- Operations with Integers
- Operations with Rational Numbers
- Powers and Roots
- Ratio, Proportion, and Similar Figures
- Percents
- Algebraic Expressions
- Linear Functions
- Statistics and Probability
- Congruence, Similarity, and Transformations
- Volume and Surface Area

8th Grade Algebra I

- Expressions and Functions
- Linear Equations
- Linear Equations and Nonlinear Functions
- Equations of Linear Functions
- Linear Inequalities
- Systems of Linear Equations and Inequalities
- Exponents and Exponential Functions
- Polynomials
- Quadratic Functions and Equations
- Statistics

Math Enrichment

Saint Rose middle school students have an exciting opportunity to be placed in our advanced math course, *Math Enrichment*. Math Enrichment allows students to complete Grade 6 Math, Pre-Algebra, Algebra I, and one unit of Geometry during their middle school years. Students must be capable of the rigor, high expectations, and workload this course requires. Our on-level math class does not cover Geometry and has less of a workload.