

Curriculum Facts and Course Description

Grade Six : *Middle School Math Course I* (Holt, Reinhart, and Winston)

Topics include fractions, decimals, number theory, plane geometry, ratio, proportion, percent, organizing and displaying data.

Grade Seven: *Middle School Math Course II* (Holt, Reinhart, and Winston)

Students will learn to combine, add, subtract, multiply, and divide problems with variables. Foundational topics of integers, exponents, rational and real numbers, plane geometry, ratios, and percents will be reinforced.

Grade Eight: *Pre-Algebra* (Holt, Reinhart, and Winston)

Students will learn to solve equations and inequalities with integers and rational numbers. Foundational topics of integers, exponents, rational and real numbers, plane geometry, solid geometry, ratios, similarity, percents, and probability will be introduced and/or reinforced.

Grade Six Advanced Math: *Middle School Math Course II* (Prentice Hall)

Students will review operations with whole numbers, fractions, and decimals. Basic algebraic concepts, percents, probability, and basic geometry will be introduced.

Grade Seven Advanced Math: *Pre-Algebra* (Prentice Hall)

This course is designed to prepare Middle School advanced math students to be successful in Algebra I. There is a heavy concentration on solving equations and inequalities. Other topics include ratios, proportions, percents, spatial thinking, and probability.

Grade Eight Advanced Math: *Algebra I* (Prentice Hall)

This course is designed to develop the algebraic concepts and processes that can be used to solve a variety of mathematical & real-world problems.

SPCS Middle School Math

Exploring our World through the Study of Mathematics



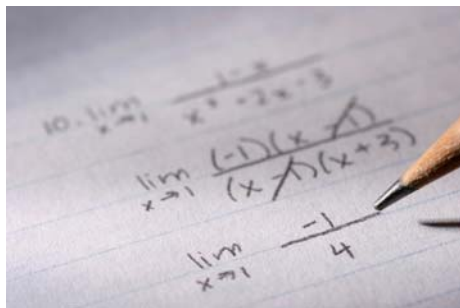
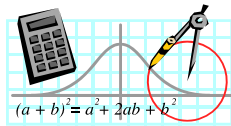
St. Petersburg Christian School

Sixth Grade Math

Students gain a solid mathematical foundation as they transition to Middle School Math.

Qualified students will be placed in a seventh grade level class.

Six students are chosen to compete in ACSJ Math Olympics.



Seventh Grade Math



Students will continue on their math journey preparing for Pre-Algebra & High School Math.

Six students are chosen to compete in ACSJ Math Olympics.



Eighth Grade Math

Pre-Algebra will give students a solid foundation for high school math classes.

Advanced math students will be placed in Algebra I. This is a high school level class.

Six students are chosen to compete in ACSJ Math Olympics.

