Mr. Joseph Stark

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Saxon Math, Course 2, 7th

Saxon math builds depth in the standards by integrating and distributing the strands.

Strands

- Number & Operations
- Algebra
- Geometry
- Measurement
- Data Analysis & Probability Problem Solution

The student will learn to add, subtract, multiply and divide whole numbers, fractions and decimals as well as learn strategies for solving story problems and other simple math applications related to life skills

Saxon Math, Course 3, 8th

Saxon math builds depth in the standards by integrating and distributing the strands.

Strands

- Number & Operations
- Algebra
- Geometry
- Measurement
- Data Analysis & Probability Problem Solution

The student will develop basic algebra skills in preparations for taking Algebra 1 as a freshman. Skills learned will include operations on integers, the order of operations, solving basic algebraic equations and inequalities, and graphing.

Pre– Algebra

The student will develop basic algebra skills in preparations for taking Algebra 1. Skills learned will include the order of operations, solving basic algebraic equations and inequalities, and graphing. The class is excellent for the student who doesn't feel quite prepared for Algebra 1.

Algebra 1

The student will learn to perform operations on integers and rational numbers, solve algebraic equations, inequalities, polynomial equations, and graphing. This class challenges students to use their math skills in new ways. It is also vital for all students wishing to pursue a college career.

Geometry

Geometry offers students many opportunities to explore geometric situations, develop conjectures, and prove their conjectures using a variety of method, following the recommendations of NCTM curriculum and evaluations standards for schools mathematics, students are encouraged to use an axiomatic system and to communicate their geometric reasoning using two-column proofs, as well as,

Algebra 2

Algebra 2 includes a review of basic algebra skills and teaches the student to work with linear equations and functions, solve systems of equations and inequalities, polynomials and quadratic functions.

Trigonometry/Pre– Calculus

The student will learn topics relating to trigonometry such as trigonometric functions, graphs and identities, as well as more advanced algebra, as a preparation for college upper mathematics courses.

General Math

General math is a basic math course covering fundamentals such as operations on whole numbers, decimals and fractions. Relates to simple everyday life situations.