



By Mathico School of Mathematics
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Algebra I, Algebra II, Geometry, Calculus

This course is the most significant help for High school students. It is the preparation for High School Math with a focus on the fundamentals and more advanced concepts of Algebra and Geometry, Algebra-Geometry connection and many other discoveries. Students will also gain the understanding of the ACT and SAT math section.

COURSE TOPICS

Algebra I: Numbers Operations And Properties, Expressions and equations, Rate, Linear equations, Inequalities, Absolute value, Quadratics, Powers, Polynomials, Radicals, Systems, Functions. Sequences and series, Graphs and statistics.

Algebra II: Rate, Quadratics, Powers, Polynomials, Radicals, Rationals, Systems, Functions, Sequences and series, Trigonometry, Conics, Graphs and statistics, Probability.

Geometry: Tools of geometry, Lines and angles, Triangles, Polygons, Conics, Measuring in the plane and space, Transformations, Trigonometry, Logic.

Calculus: Limits and Continuity, Derivatives, Application of Derivatives, The Definite Integral, Application of Definite Integrals.