Program Highlights: Algebra & Geometry Edge

Algebra & Geometry Edge is a skill practice program that will boost your teen's confidence and skill mastery in math, algebra and geometry.

Our approach

In Algebra & Geometry Edge, your son or daughter will complete progressive math concepts to become an independent learner, all while having fun with skill-building activities.

This program offers a structured and systematic approach to reinforcing skills in algebra and geometry. Here's how it works:

- Comprehensive lessons covering crucial concepts like variable expressions, linear functions, systems of equations, polynomials and factoring, rational functions, and more.
- Step-by-step support with Sylvan coaches to guide them through the learning process so that concepts truly stick.
- Interactive, digital content delivered on iPad®s that make learning fun and engaging.
- Curriculum designed to align with the way algebra concepts are taught at school.

It's time to drive skill mastery up and frustration down with Algebra & Geometry Edge!

A closer look at each lesson

Algebra & Geometry Edge is designed for students who are currently in or preparing for grade 7 through pre-algebra, algebra 1, geometry and algebra 2 in school.

Step 1
Algebra and geometry skills are connected to real-life scenarios.

Step 2
The students solve algebra and geometry problems with as-needed, video-based instruction.

Step 3
The students apply algebra and geometry skills to a variety of word problems to further conceptual understanding.

Step 4
The students complete a customized review to address extra skill practice needs.

Skills mastered

The curriculum in Algebra & Geometry Edge aligns with college and career readiness standards, so you'll see an impact in school.

Math content	Your son or daughter will hone skills that include:
Pre-algebra	Integers, variable expressions, solving simple equations and inequalities, rational numbers and their operations, ratios, proportions and percepts, and the Pythagorean Theorem.
Algebra 1	Variable expressions, solving equations and inequalities, linear functions, slope, systems of equations, exponential functions, polynomials and factoring, quadratic, radical and rational functions, and sequences.
Geometry	Defining terms, reasoning and proof, parallel and perpendicular lines, congruent and similar polygons, transformations, right triangle trigonometry, circles and solids.
Algebra 2	Equations, inequality, compound inequalities, function notation, linear systems, transformations of parent functions, polynomials, quadratic polynomial, radical, exponential, rational and logarithmic functions.

Your son or daughter will be able to apply all the skills he or she is learning on homework assignments and in school.