

# Algebra I

The Algebra I course is designed to engage students in the applications of advanced math concepts and processes applied to real-world problem-solving situations. The content of this course includes solutions of equations and inequalities, operations with polynomials, factoring, and the study of linear and quadratic equations. Problem-solving situations are emphasized.

**High School Credits:** 1

**School Level:** High School  
Middle School

**Grade:** 7, 8, 9, 10, 11, 12

**Length:** full year

**Prerequisites:**

Math 7 or Math Honors 7

**Program:** Mathematics Core Courses