



FIND YOUR VOICE. SPEAK YOUR MIND.

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Geometry

Geometry is a branch of mathematics concerned with shapes and their dimensions and locations in space. Topics in this course may include Euclidean elements, Inductive and Deductive Reasoning; Properties of Parallel and Perpendicular Lines; Congruence in Triangles; Special Segments and Inequalities in Triangles; Quadrilaterals, Types of Parallelograms; Ratios, Proportions, and Similarity in Polygons; Right Triangles; Geometric Transformations; Area of Figures; Surface Area and Volume; and Circles. The goals of the course include helping students to develop logical reasoning skills in varied contexts that involve spatial, visual, and algebraic problem-solving skills.