



FIND YOUR VOICE. SPEAK YOUR MIND.

1359 Route 2 • The Mohawk Trail • Charlemont, MA 01339 • 413.339.4912 • Fax 413.339.4324 • www.charlemont.org

Geometry

Topics in this course include 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 and Trigonometry; 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.