**Geometry Honors Curriculum Overview 2018 - 2019**

**Ms. Gladstone**

mgladstone@hadleyschools.org

D Period

**Course Website:** [www.ms-gladstone-math.weebly.com](file:///C:\Users\Miriam\ALL\Hopkins%20Academy\www.ms-gladstone-math.weebly.com)

**Course Overview:** Welcome to Geometry Honors. This year we will learn about basic geometric figures, including their areas, volumes, and constructions. We will introduce inductive and deductive reasoning and will review algebraic skills and apply these to solving problems in geometry.

**Required Text:** Larson, R., et al. *Geometry*. McDougal Littell, 2004.

**Curriculum Overview:**

First Quarter

Unit I: Basics of Geometry

Unit II: Reasoning and Proof

Unit III: Parallel & Perpendicular Lines

Second Quarter

Unit IV: Congruent Triangles

Unit V: Properties of Triangles

Unit VI: Quadrilaterals

Third Quarter

Unit VII: Transformations

Unit VIII: Similarity

Unit IX: Right Triangles

Fourth Quarter

Unit X: Surface Area and Volume

Unit XI: Circles

Note: This curriculum is our goal, but the order of units, speed at which we progress, and ultimately the content that we get through this year is subject to change.