HS GEOMETRY SUMMER CAMP COURSE DESCRIPTION

All cohorts will meet Tuesday, Wednesday, and Thursday for 3 weeks, for 35 minutes per session.

Cohort Options:

- **Cohort A:**
  - June 13 - June 29th
  - 1:00pm PDT/4:00pm EDT
- **Cohort B:**
  - July 11 - July 27th
  - 8:30am PDT/11:30am EDT
- **Cohort C:**
  - August 1 - August 17th
  - 10:30am PDT/1:30pm EDT

Week 1: Points, Lines, and Planes

During week 1, we will dive into points, lines, and planes. We will learn how to identify and name different geometric figures, and how to use postulates and theorems to make logical deductions. Additionally, we will explore angles, congruence, and the relationships between parallel and perpendicular lines.

Week 2: Triangles, Angles, and Similarity

In week 2, we will shift our focus to triangles, angles, and similarity. We will explore the different types of triangles, and how to use congruence and similarity to solve problems involving them. We will also learn about the Pythagorean Theorem and its applications.

Week 3: Transformations, Circles, and Area

Finally, in week 3, we will explore transformations, circles, and area. We will learn how to perform different types of transformations, and how to use them to analyze geometric figures. Additionally, we will study circles and their properties, as well as the concept of area and how to calculate it for different shapes.

By the end of this summer camp, you will have a solid foundation of key concepts and skills needed for success in High School Geometry.