UNIT 1 - LESSON PLANS

Class Geometry	**Topic** U1 - Points, Lines, & Planes	**Lesson** 2 **Of** 8

Objective	Students will be able to identify points, lines, and planes along with the 3 dimensions.
"I Can" Statement	• I can describe a point and what it means to have no dimensions. • I can describe a line and what it means to have one dimension. • I can describe a plane and what it means to have two dimensions. • I can explain why these are all undefined terms.

Common Core Standards	CCSS.MATH.CONTENT.HSG.CO.A.1 Know precise definitions of angle, circle, perpendicular line, parallel line, and line segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc. CCSS.MATH.CONTENT.4.G.A.1 Draw points, lines, line segments, rays, angles (right, acute, obtuse), and perpendicular and parallel lines. Identify these in two-dimensional figures.

Bell Work	Have the students use different thickness pens, pencils, and markers to draw what they think a point, line, and plane look like. Then have them also have them attempt to draw something one, two, and three dimensional. To start class head them into a discussion on their findings and how these undefined terms are used in Geometry.

Procedures	1. Start and lead student discussion related to the bell work. 2. Distribute the Guided Notes 3. Present lesson or play a video lesson.

4. Distribute Lesson Assignment.

5. Have students check each other's work.

Assessment	Students will check their work with another student's and make changes as necessary.

Additional Resources	Khan Academy Quiz