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

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| **Objective** | Students will be able to identify points, lines, and planes along with the 3 dimensions. |
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| **“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. |
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| **Common Core Standards** | [CCSS.MATH.CONTENT.HSG.CO.A.1](http://www.corestandards.org/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](http://www.corestandards.org/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. |
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| **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. |

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| **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. |

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

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| **Additional Resources** | Khan Academy Quiz |