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| **Class** | Geometry | **Topic** | U1 – Exploring Angle Pairs | **Lesson** | 5 | **Of** | 8 |

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| **Objective** | Students will:   * Identify special angle pairs and use their relationships to find angle measures. |
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| **“I Can” Statement** | I can verbally describe different angle pairs using the proper vocabulary. |
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| **Common Core Standards** | [CCSS.MATH.CONTENT.7.G.B.5](http://www.corestandards.org/Math/Content/7/G/B/5/) Use facts about supplementary, complementary, vertical, and adjacent angles in a multi-step problem to write and solve simple equations for an unknown angle in a figure.  [CCSS.MATH.CONTENT.HSG.CO.C.9](http://www.corestandards.org/Math/Content/HSG/CO/C/9/)  Prove theorems about lines and angles. *Theorems include: vertical angles are congruent; when a transversal crosses parallel lines, alternate interior angles are congruent and corresponding angles are congruent; points on a perpendicular bisector of a line segment are exactly those equidistant from the segment's endpoints*. |
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| **Bell Work** | Have a box on every desk and a pair of scissors. Tell the students to cut the box so that the outside faces of the box lay flat on their desk. \*\*IMPORTANT\*\* The box has to remain one in one single piece of card board. No Pieces! How many different nets were created? |

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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. Do Kahn Academy Video Lesson and Quizzes (EXCELLENT FOR THIS LESSON) |

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| **Assessment** | Assignment 1-5  Exit Quiz 1-5 |

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