

UNIT 1 - LESSON PLANS

Class Geometry **Topic** U1 – Exploring Angle Pairs

Lesson 5 **Of** 8

Objective

Students will:

- Identify special angle pairs and use their relationships to find angle measures.

“I Can” Statement

I can verbally describe different angle pairs using the proper vocabulary.

Common Core Standards

[CCSS.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](#)

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.*

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?

Procedures

1. Start and lead student discussion related to the bell work.
2. Distribute the Guided Notes

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3. Present lesson or play a video lesson.
4. Distribute Lesson Assignment.
5. Do Kahn Academy Video Lesson and Quizzes (EXCELLENT FOR THIS LESSON)

Assessment

Assignment 1-5

Exit Quiz 1-5

Additional Resources

Khan Academy Quiz