

# UNIT 3 - LESSON PLANS

**Class** Geometry    **Topic** U3 – Use Parallel Lines and Transversals    **Lesson** 2    **Of** 6

Students will:

**Objective**

- Be able to understand the parallel lines and transversals
- Be able to understand different angles formed when transversals cut parallel lines
- Be able to identify the interior and exterior angles

**“I Can” Statement**

I can use properties for parallel lines and transversals to solve problems.

[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.

**Common Core Standards**

[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**

See 3-2 Bell Work

**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.

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4. Shmoop
5. Distribute Lesson Assignment.

## Assessment

- Assignment 3-2
- Exit Quiz 3-2

## Additional Resources

- Khan Academy Quiz