

# UNIT 5 - LESSON PLANS

**Class** Geometry    **Topic** U5 – Inequalities in One Triangle    **Lesson** 6    **Of** 7

**Objective** Students will:

- Be able to apply inequalities in one triangle.

**“I Can” Statement** I can apply inequalities in one triangle.

**Common Core Standards** [CCSS.MATH.CONTENT.HSG.CO.C.10](#)  
Prove theorems about triangles. *Theorems include: measures of interior angles of a triangle sum to  $180^\circ$ ; base angles of isosceles triangles are congruent; the segment joining midpoints of two sides of a triangle is parallel to the third side and half the length; the medians of a triangle meet at a point.*

**Bell Work** See 5-6 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.
4. Use an Online Activity if time permitted.
5. Distribute Lesson Assignment.

**Assessment** Bell Work 5-6  
Assignment 5-6  
Exit Quiz 5-6

**Additional Resources** See Online Activities