

# UNIT 5 - LESSON PLANS

**Class** Geometry **Topic** U5 – Midsegments of Triangles **Lesson** 1 **Of** 7

**Objective** Students will:

- Be able to use properties of triangle midsegments.

**“I Can” Statement** I can use properties of triangle midsegments.

## 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.*

### [CCSS.MATH.CONTENT.HSG.CO.D.12](#)

Make formal geometric constructions with a variety of tools and methods (compass and straightedge, string, reflective devices, paper folding, dynamic geometric software, etc.). *Copying a segment; copying an angle; bisecting a segment; bisecting an angle; constructing perpendicular lines, including the perpendicular bisector of a line segment; and constructing a line parallel to a given line through a point not on the line.*

**Bell Work** See 5-1 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 5-1  
Assignment 5-1  
Exit Quiz 5-1

**Additional Resources** See Online Activities