UNIT 8 - LESSON PLANS

Class Geometry	**Topic** U8 – Trigonometry	**Lesson** 3 **Of** 6

Objective	Students will: • Be able to study the trigonometric ratios associated with a right triangle. • Be able to find the unknown angles in a right triangle using trigonometric inverse.
"I Can" Statement	I can use trigonometric ratios to solve right triangles.

Common Core Standards	CCSS.MATH.CONTENT.HSG.SRT.C.6 Understand that by similarity, side ratios in right triangles are properties of the angles in the triangle, leading to definitions of trigonometric ratios for acute angles. CCSS.MATH.CONTENT.HSG.SRT.C.7 Explain and use the relationship between the sine and cosine of complementary angles

Bell Work	See Bell Work 8-3

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 8-3 Assignment 8-3 Exit Quiz 8-3

Additional Resources	See Online Activities

GeometryCoach.com