

UNIT OF STUDY

Title: Unit 6 Subject/Course: SC Math Length: 2 weeks	
Topic: Language of Geometry Grade: 9-12 Designer: D. Rye	
UNIT GOALS AND EXPECTATIONS	
IMPORTANT CONCEPTS/UNDERSTANDINGS <ul style="list-style-type: none"> • Apply concepts and skills to determining angles. • Define point. • Define the different angles. • Understand and identify the different shapes. 	ESSENTIAL QUESTIONS: <ul style="list-style-type: none"> • What is a right angle? • How do you determine an obtuse angle from an acute angle? • What is a ray? • What is a point? • Use a circle, fold it is half, discuss the related fraction (one-half), then fold it in half again and discuss the related fraction. This is $\frac{1}{4}$ of the circle and a circle contains 360° so the angle contains 90° and is called a right angle.
STUDENT LEARNING EXPECTATIONS: LG.1.G.2 Describe relationships derived from geometric figures or figural patterns.	
SPECIFIC DECLARATIVE KNOWLEDGE – What I know <ul style="list-style-type: none"> • Vocabulary words: line segment, intersecting lines, parallel lines, point, line, ray, acute, obtuse, right angle. • Distinguish between a point and a ray. • Identify a line segment. • Identify intersecting lines. • Define parallel lines. 	SPECIFIC PROCEDURAL KNOWLEDGE – What I need to do <ul style="list-style-type: none"> • Sketch the shapes of a triangle, square, and rectangle. • Describe the difference in a point and a ray. • Use concepts and skills to name angles.

UNIT ASSESSMENTS (Include tasks related to Dimensions 3 and 4 and Bloom's Taxonomy)	
Unit 6 Open Response (application)	
Traditional Assessments: <ul style="list-style-type: none"> • Unit 6 Test • Unit 6 Quiz 	Other Evidence of Learning: <ul style="list-style-type: none"> • Classroom • Teacher Observation

ACTIVITIES AND LEARNING EXPERIENCES	Resources
<ul style="list-style-type: none"> • 4 Step Vocabulary • Model different angles on board. • Games www.mathplaygroud.com . • Guided practice. • Student lead board work. 	<ul style="list-style-type: none"> • Calculator • Activity worksheets • Portfolio workbook
Career Connections	
Builder, Architect	