UNIT OF STUDY

Title: Unit 9	Subject/Course: SC Math	Length: 2 weeks

Topic: Relationships Between Two- and Three- Dimensions   Grade: 9-12
Designer: D. Rye

UNIT GOALS AND EXPECTATIONS

IMPORTANT CONCEPTS/UNDERSTANDINGS	ESSENTIAL QUESTIONS:
- Analyze characteristics and properties of two and three dimension shapes. - Understand and name the different shapes. - Define pentagon. - Define decagon. - Define hexagon - Define octagon	- What are some characteristics of an octagon? - What is a polygon? - What is decagon? - What is a pentagon? - What is a hexagon?
STUDENT LEARNING EXPECTATIONS: R.4.G.2 Solve problems using properties of polygons.	
SPECIFIC DECLARATIVE KNOWLEDGE – What I know - Vocabulary words: polygon, triangle, pentagon, hexagon, octagon, decagon. - Distinguish between pentagon, hexagon, octagon, and decagon. - Define polygon. - Identify the different geometry figures.	SPECIFIC PROCEDURAL KNOWLEDGE – What I need to do - Determine the names of the different shapes. - Determine the number of sides of the different shapes. - Draw and label the different shapes.

UNIT ASSESSMENTS

(Include tasks related to Dimensions 3 and 4 and Bloom's Taxonomy)	
Unit 9 Open Response (application)	
Traditional Assessments: • Unit 9 Test • Unit 9 Quiz	Other Evidence of Learning: • Classroom • Teacher Observation

ACTIVITIES AND LEARNING EXPERIENCES	Resources
• 4 Step Vocabulary • Model shapes on board. • Games www.mathplaygroud.com . • Guided practice. • Student lead board work.	• Calculator • Activity worksheets • Portfolio workbook
Career Connections	
Builder, Architect	