

## UNIT OF STUDY

Title: Unit 1		Subject/Course: Sc Math	
Length: 2 weeks			
Topic: Order of Operations		Grade: 9-12	
Designer: D. Rye			
UNIT GOALS AND EXPECTATIONS			
IMPORTANT CONCEPTS/UNDERSTANDINGS		ESSENTIAL QUESTIONS:	
<ul style="list-style-type: none"><li>Use special vocabulary to develop the language of algebra.</li><li>Identify operational symbols.</li><li>Use order of operation to evaluate expressions.</li><li>Identify symbols of grouping.</li><li>Identify square root of a number</li></ul>		<ul style="list-style-type: none"><li>What is order of operations?</li><li>What is an integer?</li><li>What is a negative?</li><li>What is a positive?</li><li>What are operation symbols?</li><li>What is the square root of a number?</li></ul>	
STUDENT LEARNING EXPECTATIONS:			
LA.1.AI.1 Evaluate algebraic expressions, including radicals, by applying the order of operations.			
UNIT ASSESSMENTS			
(Include tasks related to Dimensions 3 and 4 and Bloom's Taxonomy)			
Unit 1 Open Response (application)			
Traditional Assessments:		Other Evidence of Learning:	
<ul style="list-style-type: none"><li>Unit 1 Order of Operations test</li><li>Unit 1 Order of Operation Quiz</li></ul>		<ul style="list-style-type: none"><li>Classroom</li><li>Teacher Observation</li></ul>	

ACTIVITIES AND LEARNING EXPERIENCES	Resources
<ul style="list-style-type: none"> <li>• Use acronym to solve mat problems (PEMDAS).</li> <li>• Model Order of Operation on board.</li> <li>• Games <a href="http://www.mathplaygroud.com">www.mathplaygroud.com</a> .</li> <li>• Guided practice.</li> <li>• Student lead board work.</li> </ul>	<ul style="list-style-type: none"> <li>• Calculator</li> <li>• Activity worksheets</li> <li>• Portfolio workbook</li> </ul>
Career Connections	
Chef, Engineering	