



**Content Area: Chemistry   Standard 6: Stoichiometry of Chemical Change   Grade Level: 10-12th**

Level	Description
<b>Above &amp; Beyond (4.0)</b>	In addition to score 3.0 performance, the learner demonstrates in-depth inferences and applications that go beyond what is expected from the 3.0 goal.
<b>3.5</b>	
<b>Proficient (3.0)</b>	The student will: Chemistry happens at the atomic scale, and humans directly experience and exploit chemistry at the human scale. Demonstrate an understanding how the Mole is used as the bridge between these scales and allows humans to interpret and make use of the observations and measurements on the human scale in terms of what is happening at the atomic scale.
<b>2.5</b>	
<b>Getting There (2.0)</b>	The student will recognize or recall specific vocabulary and demonstrate partial understanding of proficiency criteria.
<b>1.5</b>	
<b>Beginning (1.0)</b>	Limited success with score 2.0 content and score 3.0 content .

Chemistry Proficiency Scale: Stoichiometry of Chemical Change			
Emerging-1	Developing-2	Proficient-3	Exemplary-4
		Chemistry happens at the atomic scale, and humans directly experience and exploit chemistry at the human scale. Demonstrate an understanding how the Mole is used as the bridge between these scales and allows humans to interpret and make use of the observations and measurements on the human scale in terms of what is happening at the atomic scale.	