



**Content Area: Chemistry   Standard 5: Structure, Function and Physical 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: Demonstrate an understanding that the structure of the stable pieces of substances determines how those pieces stick together (or not) in the three common states of matter (gas, liquid and solid) and the nature and energy associated with changes between those states of matter.
<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: Structure, Function and Physical Change			
Emerging-1	Developing-2	Proficient-3	Exemplary-4
		Demonstrate an understanding that the structure of the stable pieces of substances determines how those pieces stick together (or not) in the three common states of matter (gas, liquid and solid) and the nature and energy associated with changes between those states of matter.	