

Learning Goals and Scales  
2015-2016

**Rigorous Learning Goal/Scale**

<b>Course:</b>	<b>College Prep Chemistry: Unit 1: The Atom</b>
<b>Score 4</b>  Additional Success with the complex content and concepts—inferences, novel applications	<b>In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications that go beyond what was taught.</b>  <ul style="list-style-type: none"> <li>•</li> </ul> <b>Student makes no major errors or omissions regarding the score 4 content</b>
<b>Score 3</b>  Mastery of complex content and concepts of learning goal	<ul style="list-style-type: none"> <li>• <b>TARGET LEARNING GOAL: Write nuclear notation</b></li> <li>• <b>Determine the electron configuration of an element.</b></li> </ul> <b>Student makes no major errors or omissions regarding the score 3 content</b>
<b>Score 2</b>  Success with simpler content—vocabulary, foundational skills	<b>The student will recognize or recall specific vocabulary or basic content, such as:</b>  <ul style="list-style-type: none"> <li>• <b>Isotopes and Ions</b></li> </ul> <b>The student will perform basic skills or process, such as:</b>  <ul style="list-style-type: none"> <li>• <b>Identify the atomic mass of isotopes.</b></li> <li>• <b>Calculate the charges of an element.</b></li> </ul> <b>Student makes no major errors or omissions regarding the score 2 content</b>
<b>Score 1</b>  Partial success with help	<b>With help, student achieves partial success at score 2 content and/or score 3 content</b>
<b>Score 0</b>  No success even with help	<b>Even with help, no success</b>