

Learning Goals and Scales
2014-2015

Rigorous Learning Goal/Scale

Course:	Chemistry: Unit 5: Solutions #2
Score 4 Additional Success with the complex content and concepts—inferences, novel applications	In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications that go beyond what was taught. Students make an inference beyond what was explicitly taught.
Score 3 Mastery of complex content and concepts of learning goal	LEARNING GOAL: Discuss the characteristics and formation of aqueous solutions. Explain and calculate the concentration of solutions Skills: <ul style="list-style-type: none"> • Discuss the ability of water to dissolve ionic and covalent compounds. • Calculate the concentrations of solutions • Identify the colligative properties of solutions. • Student makes no major errors or omissions regarding the score 3 content
Score 2 Success with simpler content—vocabulary, foundational skills	The student will recognize or recall specific vocabulary or basic content, such as: Describes the basic principles of materials dissolving in solution Define/recognizes terminology: dissociation, unsaturated solution, saturated solution supersaturated solution, heat of solution, osmosis, colloid, Tyndall Effect. Student makes no major errors or omissions regarding the score 2 content
Score 1 Partial success with help	With help, student achieves partial success at score 2 content and/or score 3 content
Score 0 No success even with help	Even with help, no success.