

Learning Goals and Scales
2014-2015

Rigorous Learning Goal/Scale

Course:	Biology- Unit Evolution
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 will make an inference beyond what was explicitly taught. • Students apply learned content Student makes no major errors or omissions regarding the score 4 content
Score 3 Mastery of complex content and concepts of learning goal	TARGET LEARNING GOAL: The student will be able to explain the diversity of organisms. • Explain various pieces of evidence that support the theory of evolution • Use biochemical evidence (amino acid sequences or DNA sequences) to show how closely two organisms are related. • Interpret and cladogram and explain how evolution is linked to how closely two species are related. 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: • Identify the various examples of evidence for evolution. • Defines the process of evolution by natural selection The student will perform basic skills or process, such as: • Read and understand the parts of cladogram (phylogenetic tree) • Provide an example of variation in nature and know their importance in nature 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