

Rigorous Learning Goal/Scale

Course:	Biology- Unit 2- Matter and Energy in Organisms and Ecosystems-Ecosystems
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. <i>Students will make an inference beyond what was explicitly taught. Students apply learned content</i> 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 how matter and energy move through ecosystems. • Explain how living systems recycle matter and predict its effects in future environments. • Explain how energy is used by living systems in different environments.
Score 2 Success with simpler content—vocabulary, foundational skills	The student will recognize or recall specific vocabulary or basic content, such as: • Define and apply vocabulary associated with the cycling of matter and the flow of energy in aerobic and anaerobic conditions in an ecosystem. The student will perform basic skills or process, such as: • Compare and contrast the cycling of matter and the flow of energy, using mathematical models, in an ecosystem. 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