Science Scoring Template

Power Standard: Living Organisms: Classification & Interactions	Missouri GLE:
Grade: 6	4.1.A.a. 4.1.B.b.c. 4.1.D.b.c

Score 4.0	**In addition to Score 3.0, in-depth inferences or applications that go beyond what was taught. For example, the student may:** • Identify the interrelationships and how they affect one another.
	3.5 In addition to 3.0 performance, in-depth inferences and applications with partial success.
Score 3.0	**The student will:** • Diagram and describe energy transfers in land and aquatic food webs. (producer, consumer, decomposer, scavengers, predator/prey relationships) • Identify populations in a community that compete for resources. • Identify factors that determine the number of organisms that can live in an environment. • Identify factors that determine what types of organisms can live in an environment. • Predict what effect a given change in population (number/type) will have on the ecosystem. • Explain how adaptations help organisms survive in a particular environment. **The student exhibits no major errors or gaps in the learning goal (complex ideas and processes).**
	2.5 No major errors or gaps in 2.0 content and partial knowledge of 3.0 content.

Score 2.0	**The student will:**
	• Recognize or recall specific terms:
	  o Biotic factors, Abiotic factors
	  o Populations, Communities
	  o Resources
	  o Producer, Consumer, Decomposers, Scavengers, Predator, Prey
	
	The student exhibits no major errors or gaps in the simpler details and processes.

	1.5 Partial understanding of the 2.0 content with major errors or gaps in 3.0 content.
Score 1.0	**With help, a partial understanding of the 2.0 content and some of the 3.0 content.**
	0.5 With help, a partial understanding of the 2.0 content and none of the 3.0 content.
Score 0.0	**Even with help, no understanding or skill demonstrated.**