

Science Scoring Template

Power Standard: Scientific Method	Missouri GLE:
Grade: 6	7.1.A.a.b.c.d.

Score 4.0	<p>In addition to Score 3.0, in-depth inferences or applications that go beyond what was taught. For example, the student may:</p> <ul style="list-style-type: none"> • Design, conduct, and evaluate your own experiment generating your own testable question and hypothesis and utilizing the IV, DV, control of constants and multiple trials accurately.
	3.5 In addition to 3.0 performance, in-depth inferences and applications with partial success.
Score 3.0	<p>The student will:</p> <ul style="list-style-type: none"> • Formulate a testable question and hypothesis. • Recognize IV, DV, control of constants, and multiple trials. • Conduct a valid experiment. • Use data to support reasonable explanations (conclusions). • Evaluate the experimental design and use data to make predictions about possible extensions. <p>The student exhibits no major errors or gaps in the learning goal (complex ideas and processes).</p>
	2.5 No major errors or gaps in 2.0 content and partial knowledge of 3.0 content.
Score 2.0	<p>The student will:</p> <ul style="list-style-type: none"> • Recognize a testable question. • Recognize a hypothesis. • With cues formulate a testable question and hypothesis. • With help, explain the importance of multiple trials when conducting an experiment. • Recognize possible extensions. • Recognize or recall specific terms: <ul style="list-style-type: none"> ○ IV ○ DV ○ Constants ○ Control <p>The student exhibits no major errors or gaps in the simpler details and processes.</p>
	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.