

Content Area: Science

Strand: Scientific Inquiry	Missouri GLE:
Reporting Topic: Evaluating, Analyzing, and Communicating Results	7.1.D
Grade: 4	

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"> • Communicate the procedures and results of a student-initiated investigation. • Predict what would happen if a variable changes. • Predict and generalize results of future experiments based upon original experiment design.
	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"> • Communicate the procedures and results of an investigation and explanations through the use of oral presentations, graphs, drawings, maps, data tables, and writing. • Analyze quantitative and qualitative data using observed patterns and relationships as support for reasonable explanation. • Evaluate the reasonableness of an explanation. <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"> • Describe the results of an experiment by answering teacher provided questions • Use data to explain results from ongoing science investigation <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 understand of the 2.0 content and none of the 3.0 content.
Score 0.0	Even with help, no understanding or skill demonstrated.