

Content Area: Science

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| Strand: Scientific Inquiry | Missouri GLE: 7-1- A-a&7-1- A-b |
| Reporting Topic: Developing investigations | |
| Grade: 2 | |

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| 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"> • Investigate new knowledge by developing a question based upon generalizations and principles. • Predict and generalize the results of the original experiment design if a variable changes. |
| | 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"> • Pose questions about objects, materials, organisms and events in the environment. • Work in a group to solve a problem, giving due credit to the ideas and contributions of each group member. • Conduct a fair test to answer a question. <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 an example of a question that would be appropriate when developing an investigation. • Identify examples of tools that are used when conducting a scientific inquiry. • Recognize or recall specific terminology: scientific inquiry. <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. |

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| | 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. |