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| <p><u>Essential Standard: Inquiry #5:</u> Communicate the procedures and results of investigations and explanations through: oral presentations, drawings and maps, data tables (allowing for the recording and analysis of data relevant to the experiment such as independent and dependent variables, multiple trials, beginning and ending times or temperatures, derived quantities) graphs (bar, single line), writings and use data as support for observed patterns and relationships to make predictions to be tested. 7.1.D.a</p> | | |
| <p>Course: ___ Science</p> | | <p>Grade Level: 6-8</p> |
| <p><u>Score 4.0</u> More Complex Learning Goal</p> | <p>In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications that go beyond what was taught.</p> | |
| | <p><u>Score 3.5</u></p> | <p>In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications with partial success.</p> |
| <p><u>Score 3.0</u> TARGET! “Challenging but Attainable”</p> | <p>The student demonstrates an understanding how to communicate the procedures and results of investigations and explanations through: oral presentations, drawings and maps, data tables graphs (bar, single line), writings and use data as support for observed patterns and relationships to make predictions to be tested by....</p> <ul style="list-style-type: none"> • Describing the importance for multiple trials • Create an organized data table that lists: IV, DV, number of trials, and averages of the DV • Create a title that reflects the “The study/effect of IV on DV” • Label all axes to have both labels and units (X-axis IV and Y-axis is DV) • Create a scale that uses evenly spaced intervals on BOTH axes • Plot the data correctly (including making the correct type of graph) • Make predictions based on the use of observed patterns and relationships within the data <p>The student exhibits no errors or omissions on proficient questions.</p> | |
| | <p><u>Score 2.5</u></p> | <p>The student exhibits no major errors or omissions regarding the score 2.0 elements and partial knowledge of the score 3.0 elements.</p> |
| <p><u>Score 2.0</u> Simpler Learning Goal</p> | <p>The student exhibits <u>no major errors or omissions</u> regarding the simpler details and processes, such as....</p> <ul style="list-style-type: none"> • Identify the importance for multiple trials • Identify the correct location on data table for the following: IV, DV, number of trials, and averages of the DV • Identifying a title that reflects the “The study/effect of IV on DV” • Identify which graph is appropriate for the data <p>However, the student exhibits major errors or omissions with score 3.0 elements.</p> | |
| | <p><u>Score 1.5</u></p> | <p>The student demonstrates partial knowledge of the score 2.0 elements but major errors or omissions regarding the score 3.0 elements.</p> |

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| <u>Score 1.0</u> | With help, the student demonstrates partial understanding of some of the score 2.0 elements and some of the score 3.0 elements. | |
| | <u>Score 0.5</u> | With help, the student demonstrates partial understanding of some of the score 2.0 elements but not the score 3.0 elements. |