

Data Analysis Rubric (Math Teacher)

Data Analysis	Accomplished No deficiencies	Proficient Some areas need development	Needs Improvement Considerable revision needed
<p>Data is presented to support the conclusions using the appropriate analyses</p> <p>Chosen variables use recognized units of measurement with reasonable values and range</p> <p>Suitable tables summarize data in a clear and meaningful way even to those unfamiliar with the project</p> <p>Suitable graphs summarize data in a clear and meaningful way even to those unfamiliar with the project</p> <p>Data reviewed and analyzed accurately and coherently</p> <p>Proper use of descriptive and/or inferential statistics</p>	<p>Data fully support all conclusions</p> <p>All units of measurements are valid and appropriate for the purpose of the experiment</p> <p>Data is accurately presented in a suitable format, correctly titled and labeled, easy to interpret, and relevant to the purpose</p> <p>Data is accurately presented in a suitable format, correctly titled and labeled, easy to interpret, and relevant to the purpose</p> <p>Data is appropriately evaluated using appropriate methods and valid conclusions are drawn</p> <p>Data is statistically analyzed in a valid manner consistent with the stated purpose of the experiment</p>	<p>Some conclusions are not fully supported by the data</p> <p>Some units of measurements are valid and appropriate for the purpose of the experiment but do not sufficiently address a broad range of situations</p> <p>Data is accurately presented but in need of some revision</p> <p>Data is accurately presented but in need of some revision</p> <p>Data is evaluated and valid but incomplete conclusions are drawn</p> <p>Data is statistically analyzed but in an incomplete or inaccurate manner</p>	<p>Insufficient data to support stated conclusions</p> <p>Units of measurements are invalid or inappropriate for the purpose of the experiment (i.e. measurements of "a lot", "heavy", etc.)</p> <p>Data not presented in a suitable format</p> <p>Data not presented in a suitable format</p> <p>Data is not valid and/or incomplete or inaccurate conclusions are drawn</p> <p>Lack of statistical examination</p>

Notes: