

# Science Fair Rubric

*This rubric is for grading science fair projects for grade 4.*

	Unsatisfactory	Basic	Proficient	Row Points
<b>Testable question</b> Question can be answered through hands on investigation.	<b>0</b> Question is not testable and cannot be answered through hands-on investigation.	N/A	<b>2</b> Question can be answered through hands-on investigation.	2
<b>Research</b> Valuable research on the topic is shown.	<b>0</b> No research is provided.	<b>1</b> Student has only 1 valuable source on their topic.	<b>2</b> Students have 2 or more valuable sources on their topic.	2
<b>Hypothesis</b> Prediction of what will happen during experiment.	<b>0</b> No Hypothesis is stated	<b>1</b> Hypothesis is clearly stated but is not plausible for the experiment being conducted.	<b>2</b> A clear and plausible hypothesis is provided for the experiment being conducted.	2
<b>Experiment</b> Experiment conducted to prove hypothesis true or untrue.	<b>0</b> No Experiment was conducted.	<b>2</b> Experiment was conducted but does not match the testable question.	<b>4</b> Experiment proves the hypothesis to be true or untrue.	4
<b>Data</b> Data from the experiment provided.	<b>0</b> No data provided.	<b>1</b> Some data is displayed but not all important data from experiment is provided	<b>2</b> All data provided is relevant and important. No data is missing	2

<b>Graphs/tables</b> Displays two graphs and/or tables representing important data.	<b>0</b> No graphs or tables.	<b>2</b> Only 1 graph or table displayed.	<b>4</b> Two graphs and/or tables displayed on project.	<b>4</b>
<b>Conclusion</b> A paragraph stating the results of the experiment. "Was my hypothesis correct?"	<b>0</b> No conclusion stated.	<b>2</b> Results are stated but in only 1 to 2 sentences.	<b>4</b> Full paragraph stating the results of the experiment in present on the display	<b>4</b>
<b>Pictures</b> Picture of the process of the experiment.	<b>0</b> No pictures displayed.	<b>1</b> Some picture displayed but do not show the entire process of project.	<b>2</b> Pictures displayed show each step of the experiment.	<b>2</b>
				Total: ___/22