



Science Fair Rubric

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Description: This rubric is used for grading the science fair projects for 4rd grade students.

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| | Unsatisfactory | Basic | Proficient |
|--|--|--|---|
| Testable question Question can be answered through hands on investigation. | Question is not testable and can not be answered through hands-on investigation. 0 points | N/A | Question can be answered through hands-on investigation. 2 points |
| Research Valuable research is shown. | No research is provided. 0 points | Has only 1 valuable source on their topic. 1 point | Has 3+ valuable sources on their topic. 2 points |
| Hypothesis Prediction of what will happen during experiment. | No hypothesis is provided. 0 points | Hypothesis is clearly stated but is not plausible for the experiment being conducted. 1 point | A clear and plausible hypothesis is provided for the experiment being conducted. 2 points |
| Experiment Experiment conducted to prove hypothesis true or untrue. | No Experiment was conducted. 0 points | Experiment was conducted but does not match the testable question. 1 point | Experiment was conducted that matches testable question and provides an answer for whether the hypothesis was correct or incorrect. 2 points |
| Data Data from the experiment provided. | No data provided. 0 points | Some data is displayed but not all important data from experiment is provided. 1 point | All data provided is relevant and important. No data is missing. 2 points |
| Graphs/tables Displays two graphs and/or tables representing | No graphs or tables. | Only 1 graph or table displayed. | Two graphs and/or tables displayed on |

| | | | |
|--|------------------------------------|--|---|
| important data. | 0 points | 1 point | project. 2 points |
| Conclusion A paragraph stating the results of the experiment. "Was my hypothesis correct?" | No conclusion stated. 0 points | Results stated in a single sentence. 1 point | Full paragraph stating the results of the experiment. 2 points |
| Pictures Picture of the process of the experiment. | No pictures displayed. 0 points | Pictured displayed but do not show the entire process of project. 1 point | Pictures displays shows each step of the experiment. 2 points |

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