

Science Fair Judging Guidelines

Criteria to Consider

- **Quality of Written Report and Presentation**

- Background information researched
- Report / board is clear yet concise, and attractive
- Charts are relevant and clear
- Summary, hypothesis, conclusions are provided
- Oral presentation / ability to answer questions
- Evidence of logical approach to experiment/results
- Sources listed

- **Experimentation performed appropriately**

- Student repeated observations and used controls
- Measured changes in only 1 variable at a time
- Proper recording of data
- Executed experiment in such a way so as to arrive at a clear conclusion
- Do the conclusions match the data?
- Consistent environment, safe environment, etc.
- Younger ages: is it clear the child was primarily responsible for the project?

- **Additional criteria to consider**

- Creativity of the hypothesis / question asked
- Creativity of approach to experiment
- Effort expended
- Assessment of data using statistical analysis (standard deviation analysis, etc.)