

# SCIENCE FAIR SCORING GUIDE

www.simplesciencefairs.org

9-12TH GRADE

Project # \_\_\_\_\_

Category \_\_\_\_\_

Project Title \_\_\_\_\_

Student's Name \_\_\_\_\_



Please rate the student in the following areas:

Score: (Poor) 0 ... 10 (Exceptional)

**Research Journal**

Is the writing legible and organized? Is every category complete?

0 1 2 3 4 5 6 7 8 9 10

**QUESTION**

- Is the question original and testable?

0 1 2 3 4 5 6 7 8 9 10

**Background RESEARCH**

- Are there 6 key points that relate to the project?
- Is the bibliography complete and formatted correctly?

0 1 2 3 4 5 6 7 8 9 10

**HYPOTHESIS**

- Is the hypothesis directly related and answering the question at hand?

0 1 2 3 4 5 6 7 8 9 10

**EXPERIMENT: Planning**

- Is the materials list complete? Were measurement and safety considered?
- Is the procedure clear from the diagrams and/or written plan?
- Is there one and only one variable? Are all other variables controlled? Ex: Measurements of all chemicals, temperatures and/or distances are listed in the procedure.

0 1 2 3 4 5 6 7 8 9 10

**EXPERIMENT: Data Collection**

- Does data collection appear to be reliable? Is the data labeled with units and/or in a format like a "T" Chart?
- Was data collected from at least 6 tests with 3 trials per test?

0 1 2 3 4 5 6 7 8 9 10

**CONCLUSION**

- Does the conclusion seek to answer the research question?
- Does the conclusion directly reference the hypothesis and the data? How has the data been handled? Was extra care taken such as calculating averages to help draw conclusions using multiple trials?

0 1 2 3 4 5 6 7 8 9 10

**REPORT: Research Paper**

- Are the main elements from the research journal represented in the paper?
- Is the paper laid out in a logical way making it easy to follow?
- Is a bibliography present and formatted in a standard way?
- Is the paper free from punctuation, grammar and spelling errors?
- Did the student discuss what went well and what needs improvement? What would you do differently next time? What additional questions were raised?

0 1 2 3 4 5 6 7 8 9 10

**REPORT: Presentation Board**

- Are labels and titles clear? Is the information flow on the board easy to follow?
- Is the data presented in an easy to read, aesthetically appealing way, usually a graph?
- Does the board catch your attention?

0 1 2 3 4 5 6 7 8 9 10

**REPORT: Presentation**

- Is the presentation supported by visual aids? Are they referenced?
- Is appropriate pacing being used? What about voice inflection, volume, eye contact and body language? Did the student hold the audiences attention?
- Did the presentation seem practiced and polished?
- Is the student able to demonstrate understanding of the scientific method and their project when questioned?
- Is God mentioned and credited for his creative work at least once somewhere in the presentation? Usually this occurs when doing background research and/or referring to the rules and laws God has put in place to govern our world. We serve a God of order, not chaos. See Romans 1:20, Colossians 1:17 and Genesis 1:27.

0 1 2 3 4 5 6 7 8 9 10

Total \_\_\_\_\_ / 100

**Comments**

\_\_\_\_\_  
\_\_\_\_\_

