

Science Fair Scoring

Students should use the following guidelines when preparing their projects. Judges will be using these guidelines when scoring projects.

Part I— Scientific Method	55 Points				
1. Clear statement of problem or question. It is creative and original.	1	2	3	4	5
2. Hypothesis is complete, testable, and clearly addresses the stated problem.	1	2	3	4	5
3. Materials and equipment are suitable for experiment and described clearly.	1	2	3	4	5
4. Procedures are outlined in a step-by-step fashion that could be followed by anyone without additional explanations.	2	4	6	8	10
5. Variables are identified and described. Control or controls are present and are used as a standard for comparison.	1	2	3	4	5
6. Experiment was repeated or large number of experimental subjects were tested.	1	2	3	4	5
7. Summarizes the data in a way that describes what was discovered using graphs and charts with no errors or omissions. Discusses connections between variables or points out any patterns.	2	4	6	8	10
8. Conclusion completely answers all aspects of the problem, states if the hypothesis was supported or rejected, and clearly cites evidence to explain why.	2	4	6	8	10
Part II— Project Data Journal	15 Points				
1. Journal contains all required elements: Purpose, Research, Hypothesis, Materials, Procedure, Variables/Controls, Data/Results, Conclusion, Bibliography, and Acknowledgements.	1	2	3	4	5
2. Journal is organized, neat, and easily understood.	1	2	3	4	5
3. Cites two or more sources. Different types of sources are cited. The student clearly connects the research to their problem in their own words.	1	2	3	4	5
Part III— Backdrop and Presentation	30 Points				
1. There is clarity of the display, including the organization and presentation of the information. The display is attractive and creative.	1	2	3	4	5
2. Displays all steps of project: Problem, Research, Hypothesis, Materials, Procedure, Variables/Controls, Data/Results, and Conclusion.	1	2	3	4	5
3. Student communicates understanding of science behind the project.	2	4	6	8	10
4. Student describes experiment procedures.	1	2	3	4	5
5. Student explains how the results relate to the hypothesis.	1	2	3	4	5
Total Points					