

Sample



Project Score Sheet

_____ Written Component (100 points)

1. Good introduction of problem which includes rationale, purpose, clear hypothesis, and demonstrates clear understanding of applicable principles; shows evidence of literature review. Bibliography includes scientific literature.
2. Creativity/originality demonstrated through choice of topic, approach to problem, design of new equipment, or interpretation of the data.
3. Good, appropriate design for typical experiment including variables, trials, constants, and a plan for collecting adequate data,

OR

- Appropriate design for atypical experiments such as case studies, correlations, design and build projects, computer or math projects.
4. Good, appropriate analysis of data including statistical tests when appropriate for the age of the researcher; graphs clearly illustrate results.
 5. Discussion and conclusion relate results to the hypothesis and other research; findings are explained using scientific principles and concepts; good suggestions for improvement and further research.

_____ Project Display (30 points)

1. Attractive, good overall effect
2. Creative
3. Legible
4. Accurate and clear representation of the project.

_____ Interview (70 points)

1. Good communication skills
2. Describes design principles and the science involved
3. Clearly explains data and data analysis
4. Explains findings and recognizes limitations
5. Relates project to real world applications
6. Teamwork – for Team Projects Category

_____ Total (Maximum of 200 points)