

WV Science and Engineering Fair Science Score Card

Project Information

Project Title

Category

Division

Project Number

Judging Criteria for Science Projects

Science Research and Methodology (65 points)

Research Question (10 points)

Comments

Score

- Clear and focused purpose
- Identifies contribution to the field of study
- Testable using scientific methods

Design and Methodology (15 points)

Comments

Score

- Well-designed plan and data collection methods
- Variables and controls defined, appropriate and complete

Execution: Data Collection, Analysis, and Interpretation (20 points)

Comments

Score

- Systematic data collection and analysis
- Reproducibility of results
- Appropriate application of mathematical and statistical methods
- Sufficient data collected to support interpretation and conclusions

Creativity (20 points)

Comments

Score

- Project demonstrates imagination and inventiveness. Such projects often offer different perspectives that open new possibilities or new alternatives. Judges should place emphasis on research outcomes in evaluating creativity.

Presentation (35 points)

Poster, or Visual Display (10 points)

Comments

Score

- Logical organization of material
- Clarity of graphics and legends
- Supporting documentation displayed

Interview (25 points)

Comments

Score

- Clear, concise, thoughtful responses to questions
- Understanding of basic science relevant to the project
- Understanding interpretation and limitations of results and conclusions
- Degree of independence in conducting the project
- Recognition of potential impact in science, society and/or economics
- Quality of ideas for further research
- For team projects, contributions to and understanding of the project by all members

Total Score

Additional Comments / Suggestions (continue on back if needed):

Place awarded (circle)

First
(minimum score 90)

Second
(minimum score 80)

Third
(minimum score 70)

Honorable
Mention