WV Science and Engineering Fair
Combined Score Card

Project Information

Project Title	
Category	
Division	Project Number	

Judging Criteria for Science and Engineering Projects

Research and Methodology (65 points)

	Comments	Score
Research Problem/Question (10 points) • A clear & focused research question **OR** description of a practical need/problem to be solved • Testable research question using scientific methods **OR** definition of criteria for the proposed solution with an explanation of constraints • Identifies contribution to the field of study		
Design and Methodology (15 points) • Well-designed plan and data collection methods with appropriate and complete variable & controls defined **OR** • Exploration of alternatives to answer need/problem that leads to identification of a solution & development of a prototype/model		
Execution: Data Collection, Analysis, and Interpretation (20 points) • Data collection & analysis is systematic & applies appropriate mathematical and statistical methods **OR** • Prototype demonstrates intended design, tested in multiple conditions/trials, & demonstrates engineering skills & completeness • Results are reproducible and data collection is sufficient to support interpretation and conclusions		
Creativity (20 points) • Project demonstrates creativity, imagination, and inventiveness • Project offers different perspectives that open new possibilities or new alternatives. Judges should emphasize research and design outcomes in evaluating creativity.		

Presentation (35 points)

	Comments	Score
Poster or Visual Display (10 points) • Logical organization of material • Clarity of graphics and legends • Supporting documentation displayed		
Interview (25 points) • 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 a project • Recognition of potential impact in science, society, and/or economics • Quality of ideas for further research • For teams, contributions to & understanding of project by all members		
	Total Score	

Additional Comments/Suggestions (Some feedback is required-continue on back if needed):

Place awarded (circle)	First (minimum score 90)	Second (minimum score 80)	Third (minimum score 70)	Honorable Mention