

MWV Youth STEM Expo

Project Scoring Rubric



Experiment (Fair Test)

Project Elements	Very Good – Good - Fair	Not Done
Goal		
Research Question: The research question is stated, either as a title or separately; it is testable, descriptive, creative and relevant.	10 9 8 7 6 5	0
Hypothesis: Is presented as clear & well-reasoned explanation of the phenomenon.	10 9 8 7 6 5	0
Plan		
Procedure: Research plan clearly summarizes what was done, identifying variables, explaining set up, data measurements, chronology, number of trials, etc.	10 9 8 7 6 5	0
Materials: lists essential materials and equipment and includes relevant details about specifics (type, quantity, size, condition etc.)	10 9 8 7 6 5	0
Results & Analysis		
Results: Results describe the data collected and may include tables, charts, graphs and illustrations with proper units etc.	10 9 8 7 6 5	0
Discussion: Explains the results, analyzes trends and patterns, notes anomalies, report errors, etc. It should note new questions asked, suggests changes for future research, etc.	10 9 8 7 6 5	0
Conclusion: Includes concluding statement that restates the question, summarizes findings and notes if the experiment did/did not answer the question.	10 9 8 7 6 5	0
Communication		
Poster Quality: The project is creative, neat, and accurately describes research (goals, plan, & analysis) approx. 800 words or less. <u>If a team project, how did each student contribute?</u>	10 9 8 7 6 5	0
Interview: Student(s) demonstrate a thorough understanding of the project, are engaging, and speak with confidence. <u>If a team project, all students contribute!</u>	10 9 8 7 6 5	0
Lab Notes and Report: Includes lab notes and/or lab report documenting process. Prior knowledge and background research cited.	10 9 8 7 6 5	0
Total Score		/100

Comments and overall impression:

Rank 1 2 3
(Circle one)