

Rubric Scoring Guide

(Form courtesy of the Westchester Science and Engineering Fair)
 Please use your best judgment. The table shown below contains a set of criteria that can assist you in interviewing the presenters and aid in your evaluation of the students' projects.

Use 1 as the lowest score and 10 as the highest
 Circle your decision in each area and place the total score in the box.

Project

Judge

Total

Guidelines	Notes											
I. Introduction & Background <ul style="list-style-type: none"> Provides an intro that begins with general info leading up to the area of research, student understands how their research builds upon previous work 	1	2	3	4	5	6	7	8	9	10		
II. Problem Statement / Goals / Hypothesis <ul style="list-style-type: none"> Student clearly explained the goals or purpose of the research 			1	2	3	4	5	6	7	8		
III. Methods/ Materials <ul style="list-style-type: none"> Student clearly identifies their role & the mentor's role in the project Uses an efficient and reliable method for scientific work A clear plan was shown and variables were identified If controls were necessary, appropriate controls were correctly used Sample size was appropriate for the type of study conducted If a survey was used, the questions adequately addressed the problem 	1	2	3	4	5	6	7	8	9	10		
IV. Results / Analysis <ul style="list-style-type: none"> Student clearly and adequately explained the results of his/ her work Adequate data was presented to support the conclusion. If applicable, statistical analysis was used properly (projects involving questionnaires require statistical analysis) Student was able to explain method of analysis used including statistical analysis 	1	2	3	4	5	6	7	8	9	10	11	12
V. Graphs and Charts / Schematics <ul style="list-style-type: none"> Poster clearly showed the data that was presented in identifiable tables, charts and/or graphs with a written summary If necessary, a schematic diagram was used with precise measurements to describe the project 	1	2	3	4	5	6	7	8	9	10		
VI. Discussion / Significance <ul style="list-style-type: none"> Student understands the significance of his/her results with respect to his/her goals Student interpreted the data in a way that is consistent with the original hypothesis/ problem statement 	1	2	3	4	5	6	7	8	9	10		
VII. Conclusion / Future Research <ul style="list-style-type: none"> Sound conclusions were made based on the data/schematics presented Project was carried out to completion within the scope of the original intent The student provided possible future applications of his/her work Demonstrated a clear direction for further study in the area of research 	1	2	3	4	5	6	7	8	9	10		
VIII. Quality of Presentation <ul style="list-style-type: none"> Student presented the material in a clear and organized manner Student demonstrated enthusiasm in the presentation of his/her research. The research supported a creative approach to addressing a scientific question or problem 		1	2	3	4	5	6	7	8	9		
IX. Student Understanding <ul style="list-style-type: none"> Student demonstrated understanding of the project by answering specific questions Student speaks well and can clearly explain all aspects of the project 	1	2	3	4	5	6	7	8	9	10	11	12
X. Physical Poster Organization <ul style="list-style-type: none"> The poster demonstrated an organized scientific approach Poster clearly presented the specific goals or specific purpose of research study Text was clearly visible with readable formatting Information was creatively organized in a way that enhanced the presentation of student's research 		1	2	3	4	5	6	7	8	9		