

Canutillo Independent School District Science Fair Judging Rubric

Student's Name:	Grade:	Teacher's Name:				
Project title:		Superior	Above Average	Average	Below Average	Minimal
Scientific Method	30 points					
Presented a question that could be answered through experimentation		5	4	3	2	1
Student can identify the independent (manipulated) and dependent (responding) variable(s) in their project		5	4	3	2	1
Clear procedural plan for testing the hypothesis		5	4	3	2	1
The conclusions are based on multiple trials (at least 3) and/or an adequate number of subjects were used (minimum 10). <i>If exactly 3 trials or 10 subjects are used, the students scores 3 points</i>		5		3		1
Clear and thorough process for data observation and collection		5	4	3	2	1
Sufficient data collected to support interpretation and conclusions		5	4	3	2	1
Scientific Knowledge	20 points					
Background information summary with a minimum of three age-appropriate sources are cited		5		3		1
Student can identify and explain key scientific concepts relating to the experiment		5	4	3	2	1
Used scientific principles and/or mathematical formulas correctly in the experiment		5	4	3	2	1
Student evaluated the success and effectiveness of project by suggesting changes to procedure or possibility for further study.		5	4	3	2	1
Presentation	20 points					
Graphs and tables are clearly labeled, and the data makes sense		5	4	3	2	1
Student can explain the relevance of the project		5	4	3	2	1
Pictures and diagrams effectively convey information about the science fair project		5	4	3	2	1
Clear, concise, thoughtful responses to questions		5	4	3	2	1
Creativity	15 points					
The project chosen is appropriately challenging for the student's age and grade level		5	4	3	2	1
Investigated an original question or used an original approach or technique		5	4	3	2	1
Shows enthusiasm and interest in the project		5	4	3	2	1
Independent Work	15 points					
Evident that student did not copy and paste from another source		5	4	3	2	1
Display provides evidence that student did the majority of the project independently		5	4	3	2	1
Knowledge of experimental procedure and results during oral presentation demonstrates evidence of independent work		5	4	3	2	1
Total:						