

## Canutillo Independent School District Science Fair Judging Rubric

Student's Name:	Grade:	Teacher's Name:				
Project title:		Superior	Above Average	Average	Below Average	Minimal
<b>Scientific Method</b>		<b>35 points</b>				
Presented a question that could be answered through experimentation		5	4	3	2	1
Student can identify the independent (manipulated), dependent (responding) and controlled 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. <i>If exactly 3 trials 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
The finalist has an idea of what future research in warranted		5	4	3	2	1
<b>Scientific Knowledge</b>		<b>20 points</b>				
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 suggests changes to the experimental procedure and/or possibilities for further study while evaluating the success and effectiveness of the project.		5	4	3	2	1
<b>Presentation</b>		<b>30 points</b>				
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
Understanding of basic science relevant to the project		5	4	3	2	1
Clear, concise, thoughtful responses to questions		5	4	3	2	1
Included a lab notebook or logbook. (For High School – a research paper)		5		3		1
<b>Creativity</b>		<b>15 points</b>				
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
<b>Total:</b>						
Judge's Name (printed):						