Diocese of Oakland Science Fair Judging Rubric

Project Title: _____ Project #: _____

Question/Title/Hypothesis: *Evaluate the degree to which the project shows a clear and focused purpose, identifies contribution to the field of study and is testable using scientific methods*

0- No question or title

1-Topic unclear in title/question

2-Question and/or hypothesis clear but not well defined

3-Question and/or hypothesis is clear and shows a focused purpose

4-Question and hypothesis is clear and highlights many of the above points

5-Excellent question and hypothesis that highlights all of the above points and demonstrates a deep understanding

Conclusion: *Evaluate the degree to which the conclusion describes what results were obtained and how these results related to the question/hypothesis*

0- none

1- does not relate to the question/hypothesis or is not supported by the data

2-shows some understanding of the question/hypothesis but little data is provided

3-addresses the question/hypothesis but is not easily supported by the data

4- addresses the question/hypothesis and data is shown that supports most of the findings

5- addresses the question/hypothesis; data is excellent and easily supports all of the findings

Procedure: *Evaluate the degree to which the procedure is clearly displayed, easy to follow, and would be able to be replicated by the scientific community*

0- no procedure shown or demonstration* only

1- incomplete procedure

2- procedure is limited and does not account for variables

3- procedure is detailed and accounts for some variables

4- procedure is detailed and accounts for most variables

5-procedure is very detailed and accounts for all variables

Presentation/Neatness/Appeal of Display: *Evaluate the degree to which the project board demonstrates organization, correct spelling and grammar, is neat and easy to read, and is appealing to the eye*

0-Board is very poorly organized and difficult to read

1- Board is somewhat organized but not there was not much attention to detail

2- Board is organized with some attention to detail

3- Board in organized and demonstrates satisfactory neatness and attention to detail

4-Board is very well done and demonstrates neatness and attention to detail

5-Board is excellent and one the best boards presented today.

Observations: *Evaluate the degree to which the observations are clearly displayed, show a*

Originality/Creativity: *Evaluate the degree to which the project demonstrates creativity in*

control group, and multiple trials are carried out	*the research question, hypothesis, design, methodology, and/or execution*
0- no observation shown	**3**- typical project, typical way
1-Observations are limited and no control group is identified	**4**- typical project but approaches it from a different angle
2- Observations are limited but a control group or multiple trials is evident	**5**-typical project but uses a very unique approach
3-Good observations and multiple trials were performed	**6**- Creative and demonstrates originality in *at least two* of the areas listed above
4-Good observations and multiple trials were performed and controls were identified	**7**- Creative and demonstrates originality in *at least three* of the areas listed above
5- Excellent observations with a minimum of 3 trials and controls identified.	**8**- Creative and demonstrates originality in *at least four* of the areas listed above
	9- Extremely creative and demonstrates originality *in all* areas listed above
Data:(pictures, graphs, charts): *Evaluate the degree to which data is provided that supports the question/hypothesis and is clearly displayed with descriptive titles, correct units, and is scaled appropriately.* **0**- no data shown **1**- limited data is displayed; insufficient for valid conclusion **2**-data is recorded and displayed but hard to understand **3**-data is recorded and displayed with some attention to detail **4**-data is recorded and displayed and highlights many of the points above **5**-data is excellent and demonstrates a deep understanding of the question/hypothesis and highlights all of the above points	***Please turn document into Room 30 by 10am**