

Rubric for Science Fair Written Report: This portion is worth 15% of your second quarter grade.

Category	5	0	Score
Paper Format	Paper is in APA format; has a title page, and all of the categories listed below are present	Paper is not in APA format; no title page and /or categories listed below are missing	
Abstract	Includes purpose, hypothesis, summary of results and conclusion.	Little information	
Introduction	Contains thorough research to demonstrate the purpose of the study; includes the problem; short explanation of your experiment including independent and dependent variables; your hypothesis; what is hoped to be achieved by the study and why it is important.	Poorly developed	
Material and Methods	Clearly written in paragraph form in a manner in which someone could repeat the procedure; includes how the data was collected, observations were made and/or apparatus designed; proper # of data points or test subjects; materials give amounts used	Vague; not in paragraph form; very few data points or subjects tested; no amounts listed for materials	

Results/Data	Data is presented in a clear, organized manner: tables or charts and graphs are present; There are the minimum number of required subjects for animals, plants or humans; (5 animals or plants per setup and 5 control; 15 human test subjects and 15 human controls)	Data is vague and not presented in tables or charts and graphs; trials #'s and test subjects are too few	
Discussion	Data is explained well in words, including main findings in numbers and/or observations and their meanings --Connections are made to the main findings in the data and the purpose of the study; --Discussion of how data relates to published studies and/or expected results; --Errors and uncontrolled events are discussed and solutions for these are offered; --How the experiment could be improved if repeated is thoroughly discussed; --Future studies for this experiment and topic are discussed	Data is vaguely explained; no main findings discussed; no meaning discussed --No connections made to the purpose of the study --No relation made to published and/or expected results --No errors or solutions discussed --No discussion of how experiment could be improved --No future studies discussed	
Conclusion	--Data is linked to the hypothesis and stated whether hypothesis is supported or not;	--No discussion of hypothesis	

Bibliography	At least 5 sources listed in APA style; at least one of the sources is a scientific journal	less than 5 sources; no journal article; not in APA style	
Acknowledgements	All people who assisted in the study are thanked	no acknowledgements listed	
Experimental Design	Problem/question is a good choice; experiment follows the scientific method- -well-researched, with only one experimental variable; data is meaningful and addresses the answer to the problem or question.	Project is lame.	

Note: High and low scores are shown but it is possible to earn partial credit in a category. (e.g. 3/5)