Science Fair Experiment : STEM Fair Proposal Form

Teacher Name: **Morani**

Student Name: _____

CATEGORY	4	3	2	1
Research Question	Stated the problem in question form. How does ___affect ____? How will ____ affect ____? No misspelled words. Easy to understand.	Stated the problem. No misspelled words. Legible.	Stated the problem or question, using incorrect form. Misspelled words. Messy, illegible	Not titled, incomplete question or doesn't use correct format.
Hypothesis	Answers in correct format of "If _____, Than_____, Because_____". Can tell that the student has put thought into statement. Background research is evident. It is an educated guess. No misspelled words.	Attempts are made at appropriate formatting of "If _____, Than_____, Because_____" Applies directly to the problem.	Answers the question in a complete sentence. Does not apply to the problem. Is not an educated guess. Misspelled words. Messy, illegible	Does not answer in a complete sentence. No answer. No title.
Materials	List of all materials is complete and up to date with no misspelled words.	List of materials is complete.	List of materials is incomplete or messy, or illegible. Misspelled words.	Does not list the materials to be used in the experiment.
Procedure	Completed procedure. Complete sentences. No fragments. No misspelled words. All variables are present.	Completed outline of procedure. Complete sentences. All variables are present. Neat and organized	Incomplete procedure. Misspelled words. Incomplete sentences. Fragments in steps of progress. Missing variables	No procedure is outlined. Fragmented in step by step process.
Background Research	Minimal one paragraph research focusing on topic of research. Bibliography with at least 2 sources included.	Minimal one paragraph research focusing on topic of research. No bibliography.	Less than one paragraph research and/or loosely related to the research topic.	No research information
Originality/ Quantitative Data	Project shows originality in thought process or design, procedures show clear indication that quantitative data will be collected and analyzed.	Project shows some originality in thought process or design, procedures show clear indication that quantitative data will be collected and analyzed	Project does not show originality in thought process or design, procedures do not show clear indication that quantitative data will be collected, but shows data collection techniques.	Project does not show any indication of originality, and no data is shown to be collected.

Approval Status	Project is APPROVED. You may begin work immediately!	Project is APPROVED You may begin work but should modify	Project is NOT APPROVED	Project is NOT APPROVED

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