

SCIENCE EXPERIMENT RUBRIC

STUDENT NAME
REVIEWED BY

DATE

PROJECT DESCRIPTION

RUBRIC	SCORE
Expectations exceeded	4
Expectations met	3
Basic standards met	2
Basic standards somewhat met	1
Minimum standards not met	0

SCORING SCALE	TOTAL
EXCEPTIONAL	18 – 20
SATISFACTORY	16 – 17
NEEDS IMPROVEMENT	13 – 15
INADEQUATE	0 – 12

CATEGORY	4	3	2	1	0
EXPERIMENTAL HYPOTHESIS					
Based upon the purpose of the experiment, the hypothesized relationship between variables and predicted results is clear and reasonable.					
EXPERIMENTAL DESIGN + MATERIALS					
Experiment conveys a thorough analysis of the problem and has been conducted thoughtfully. All materials and setup employed are accurately described. All images, graphic elements, diagrams, charts, drawings, etc., are clear and pertinent.					
DATA COLLECTION + PROCEDURES					
Data has been collected and recorded accurately, and conveyed in an orderly manner to accurately reflect results. Clear steps are listed to define all procedures.					
ANALYSIS					
Thoughtful analysis discusses the relationship between variables. Trends and patterns are logically analyzed. Predictions are made regarding varying outcomes as a result of alterations to the experiment.					
SCIENTIFIC RESULTS + CONCLUSION					
The solution to the problem is explained with convincing clarity. Sources are cited appropriately. Conclusion explains whether or not the hypothesis was supported by the findings. Possible sources of error are detailed, if applicable. Clearly expresses what was learned from the experiment.					
COLUMN TOTALS					
TOTAL SCORE					

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