

Science Fair Written Report Rubric

CATEGORY	Advanced (4)	Proficient (3)	Basic (2)	Below Basic (1)
Introduction	The purpose/topic of the project is clearly stated. The hypothesis is presented as well as any important vocabulary the reader needs to know in order to understand the topic. The introduction also shares why this topic was selected and how your ESLR supports your topic	The purpose/topic of the project is clearly stated and the hypothesis is presented. The introduction shares why this topic was selected but does not describe how your ESLR supports your topic.	The purpose/topic of the project and hypothesis are shared but not clearly.	The purpose/topic of the project and hypothesis are shared but incorrect or irrelevant.
Hypothesis	The hypothesis identifies the independent and dependent variables and clearly predicts a cause-effect relationship between the variables.	The hypothesis identifies the independent and dependent variables but does not clearly predict a cause-effect relationship between the variables.	The hypothesis identifies is unclear about the variables and their relationship to each other.	The hypothesis of the lab is completely irrelevant.
Materials	All materials and setup used in the experiment are clearly and accurately described.	Almost all materials and the setup used in the experiment are clearly and accurately described.	Most of the materials and the setup used in the experiment are accurately described.	Many materials are described inaccurately OR are not described at all.
Procedure	Procedures are listed in clear and specific steps. Each step is numbered and is a complete sentence starting with an action verb.	Procedures are listed in a logical order, but steps are not numbered and/or in complete sentences starting with an action verb.	Procedures are listed but are not in a logical order or are difficult to follow.	Procedures do not accurately list the steps of the experiment.
Data (x 2)	Professional looking and accurate representation of the data in tables and/or graphs. Graphs and tables are labeled and titled.	Accurate representation of the data in tables and/or graphs. Graphs and tables are labeled and titled.	There is an accurate representation of the data in written form, but graphs or tables are incomplete or missing.	Data are not shown OR are inaccurate.

Analysis (x 2)	The data was accurately described. The relationship between the variables is discussed and trends/patterns logically analyzed. Any outliers are presented and explained.	The data was accurately described. The relationship between the variables is discussed and trends/patterns logically analyzed. Outliers are not discussed.	The data is described, but no patterns or trends are discussed based on the data and outliers are not mentioned.	The relationship between the variables is not discussed.
Conclusion (x 2)	Conclusion includes whether the findings supported the hypothesis, possible sources of error, what was learned from the experiment and suggestions for future research.	Conclusion includes whether the findings supported the hypothesis and what was learned from the experiment. No suggestions are made for future experiments.	Conclusion includes what was learned from the experiment. No suggestions or modifications are made.	No conclusion was included in the report OR shows little effort and reflection.

Science Fair Poster Presentation Rubric

CATEGORY	Advanced (4)	Proficient (3)	Basic (2)	Below Basic (1)
Text - Font Choice & Backgrounds	Font formats (e.g., color, bold, italic) have been carefully planned to enhance readability and content. Background colors are neat and complementary	Font formats have been carefully planned to enhance readability. Background color and accents are present.	Font formatting has been carefully planned to complement the content. It may be a little hard to read.	Font formatting makes it very difficult to read the material.
Spelling and Grammar	Presentation board has no misspellings or grammatical errors.	Presentation board has 1-2 misspellings, but no grammatical errors.	Presentation board has 1-2 grammatical errors but no misspellings.	Presentation board has more than 2 grammatical and/or spelling errors.
Sequencing of Information	Information is organized in a clear, logical way. It is easy to follow the flow of the experiment across the board.	Most information is organized in a clear, logical way. One section or item of information seems out of place.	Some information is logically sequenced. An occasional section or item of information seems out of place.	There is no clear plan for the organization of information.
Content - Accuracy (x 3)	All content throughout the presentation is accurate and all sections of the report are presented.	Most of the content is accurate but there is one piece of information that might be missing.	The content is generally accurate, but one section of the report is clearly flawed, inaccurate or missing.	Content is typically confusing or contains more than one factual error.

Pictures and Data Tables	All photos, graphs and tables are professionally displayed and support the theme/content of the presentation. One data table and one graph are included in the data section.	At least 3 pictures are displayed. 1 data table and 1 graph are included in the data section.	One Data table/graph and picture are present.	Data table/ graph and/or photos are not present.
Overall Presentation of Board	*The board is nicely decorated with color *It is obvious that effort was put into putting the board together	*The board is nicely decorated with color *More effort could have been used to put the board together	*There are little to no decorations on the board *Little effort was used to put the board together	*The project is not posted on a board

*****The rubrics included in this packet will be used to evaluate your final work products.***