

## Science Fair Lab Report Grading Rubric

Teacher Name: **Ms. Darwazeh**

Student Name(s) (List both partners): \_\_\_\_\_

Grade: \_\_\_\_\_

CATEGORY	10	7	5	2
Introduction	Describes experiment including <b><u>reason for choosing the topic</u></b> , identifies a <b><u>question</u></b> which is interesting to the student and can be investigated with measurable results. Based <b><u>hypothesis</u></b> upon educated reasons.	All components of Introduction present with some room for improvement in regard to description of topic, question and/or hypothesis.	Question and/or hypothesis may not be able to be investigated with measurable results. May be missing one basic component of the introduction.	Introduction is not included or is missing two or more basic components.
Research	At least 3 reputable background sources were used and cited in text. Material is translated into student's own words.	Less than 3 reputable background sources are used and cited in text. Material is translated into student's own words.	Less than 3 background sources are used and cited in text, but some are not reputable sources. Material is translated into student's own words.	Material is directly copied rather than put into student's own words and/or background sources are not cited in text.
Materials	All materials used in the experiment are clearly and accurately described.	Almost all materials used in the experiment are clearly and accurately described.	Most of the materials used in the experiment are accurately described.	Many materials are described inaccurately OR are not described at all.
Procedures	Procedures are listed in clear steps. Each step is numbered and is a complete sentence.	Procedures are listed in a logical order, but steps are not numbered and/or are not in complete sentences.	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.
Results	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.	Accurate representation of the data in written form, but no graphs or tables are presented.	Data is not shown OR is inaccurate.
Discussion	Clearly explains what the results mean by discussing data, graphs, and calculations. Also thoroughly discusses what factors may have affected the data.	Explains the data collected but does not discuss graphs or calculations. Discusses factors that may have affected the data.	Either discusses factors that may have affected the data or explains results. Does not discuss graphs or calculations.	Does not discuss specific results, graphs, calculations or factors that may have affected data.

Conclusion	Conclusion includes whether the findings supported the hypothesis, tells how project is related to the real world. Suggests meaningful changes and favorite parts of the project.	Conclusion includes whether the findings supported the hypothesis. But is missing one of the following: Tells how project is related to the real world. Suggests meaningful changes and favorite parts of the project.	Conclusion only discusses whether the finding supported the hypothesis. No further discussion or reflection is included.	No conclusion was included in the report OR shows little effort and reflection.
Appearance/ Organization	Lab report is typed and uses headings to visually organize the material. No spelling or grammar errors. Includes title page with Experiment Title, Student names, Teacher name and date submitted. Uses page #s.	Lab report is neatly typed and uses headings and subheadings to visually organize the material. Few spelling or grammar errors. Includes title page that meets all requirements.	Lab report is neatly written or typed, but formatting does not help visually organize the material. Multiple spelling or grammar errors and/or title page does not follow all requirements.	Lab report is handwritten and looks sloppy with cross-outs, multiple erasures and/or tears and creases. Significant spelling or grammar errors. Title page is missing and/or doesn't follow requirements.
Bibliography/ Works Cited	Properly cites at least 3 sources using MLA format.	Cites all sources but does not use MLA format.	Cites less than 3 sources and/or does not use MLA format.	Does not cite sources.

Extra Credit for early submittal: \_\_\_\_\_

Final Score: _____ /90
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