

NAME: _____

ROUGH DRAFT PEER EDIT:

NAME(COLOR) _____

NAME(COLOR) _____

EDITING INSTRUCTIONS: Using the sheet, “How to Write the Perfect Lab Report “ read your assigned paper checking off items according to the degree they are completed. Please fill in any constructive comments to help the writer be precise in thorough explanations. Also check grammar and spelling errors directly on the paper. Use a colored pen to make you comments on both the actual rough draft and this comment sheet. The more thoughtful your critique the better your partner’s paper will be. You will be graded according to your thoughtfulness and thoroughness in editing two papers.

Lab reports are simply a way for scientists to share their ideas. The lab report should be an honest, carefully written representation of your **own** lab work. As long as your work is accurate, supported with evidence and uses reasonable logic, there are no wrong answers! Reports should be typed.

Title

What is the lab about? Give your lab an interesting and informative title. The title should be centered on the first page with the author(s) names(s), class number and date in the upper right hand corner.

On a scale of 1 to 4, how completely did the writer finish the task?

Editor #1

1: not done	2: little done	3: complete but could be better	4: awesome
Comments:			

Editor #2

1: not done	2: little done	3: complete but could be better	4: awesome
Comments:			

THE BODY

Scientific writing should be formal. Avoid the use of pronouns, contractions, and slang. Divide the paper into the following sections. Section headings should be underlined or bolded.

Introduction: The introduction should be written in paragraph form and should answer the following questions:

- a. What is the topic of the lab?
- b. Why are you are doing this lab (purpose)?
- c. What is your hypothesis? Why?
- d. What can you learn from this exercise?

Editor #1

1: not all sections a-d are done	2: some done and some not really: list which need to be fixed	3: all a-d are complete but could be better	4: awesome
Comments: be specific about what needs to be fixed and what parts are great.			

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Editor #2

1: not all sections a-d are done	2: some done and some not really: list which need to be fixed	3: all a-d are complete but could be better	4: awesome
Comments: be specific about what needs to be fixed and what parts are great.			

Data/Results

- What happened during the experiment? This section includes all necessary tables, figures (graphs, drawings, photos) and observations. All tables and figures should be numbered, titled, and well labeled.

Editor #1

1: data tables and graph are not done	2: table or graph or done or they are incomplete: list which need to be fixed	3: Both table and graph are done. The table is typed in the paper. Hand done graph follows most of the rules	4: awesome
Comments: be specific about what needs to be fixed and what parts are great.			

- What is your data telling you? This section is very important because this is where you begin to analyze your data and look for trends and/or relationships. Don't just re-list the numbers from your data, but tell me what the data is saying. Make sure to refer to the table or figure you are analyzing.

Editor #1

1: writer does not have a trends/results paragraph	2: writer has some inferences in the trends paragraph that need to be taken out	3: writer has summarized the data and the graph but used no numbers to use as evidence	4: awesome
Comments: be specific about what needs to be fixed and what parts are great.			

1. Conclusions and Discussion: This section should be written in paragraph form and it may require some research (don't forget to include citations).

- Outcome of the experiment: This is where you begin to think about why you saw the data you did and discuss the significance of your findings.
 - What do your results mean?
 - What conclusions can you make?
 - Did the data support or reject your hypothesis?

d. How do your conclusions compare with accepted scientific thought?

Editor #1

1: not all sections a-d are done	2: some done and some not really: list which need to be fixed Do not say you proved your hypothesis!	3: all a-d are complete but could be better. Inferences are supported with data as evidence.	4: awesome and all sections of the conclusion are underlined.
Comments: be specific about what needs to be fixed and what parts are great.			

- Error Analysis: What, if any, problems did you encounter in the experiment? Did these problems affect your results?

Editor #1

1: not done	2: little done. You may not say "human error" caused mistakes, You must explain.	3: complete but could be better. Must discuss at least three places the error could occur.	4: awesome
Comments:			

- Applications: How are the results of your experiment important in a global sense? How is this subject currently being applied in the world?

Editor #1

1: not done	2: little done	3: complete but could be better	4: awesome
Comments:			

- Extension: Give any suggestions for additional experiments or questions that could further our knowledge of this subject.

Editor #1

1: not done	2: little done	3: complete but could be better	4: awesome
Comments:			

Literature Cited: Please follow the guidelines in your organizer. Editor #1

1: not done	2: little done	3: complete but could be better	4: awesome
Comments:			

Overall Checklist

- Did you follow directions?
- Are your sections clearly defined, and do not overlap?
- Did you answer all the questions on this sheet?
- Is your report neat and well organized?

e. Did you proof read and spell check your report?

Editor #1

1: not done	2: little done	3: complete but could be better	4: awesome
Comments:			