**Lab Report Rubric**

Score:

*Use this rubric as a “checklist” to make sure that you are completing all components of a good lab report.*

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| --- | --- | --- | --- | --- |
| **Component**  **(x weight)** | **You Got This! (4)** | **Getting There… (3)** | **Needs Work. (2)** | **Where Is It? (1)** |
| **Title (x1)** | □ Title uses both dependent and independent variables to explain what was studied  □ Title page is given its own page  □ Title page includes student name, subject & period, teacher name, and date | □ One of the three “You Got This!” indicators is missing or incorrect | □ Two of the three “You Got This!” indicators are missing or incorrect | □ This component is incomplete or inaccurate. |
| **Abstract (x1)** | *Includes information on all of the following:*  □ Problem statement  □ Research  □ Hypothesis  □ Procedure  □ Data  □ Conclusion | □ All but two of the “You Got This!” indicators are present | □ All but three of the “You Got This!” indicators are present | □ This component is incomplete or inaccurate. |
| **Introduction (x4)** | □ Problem statement is relevant to the experiment  □ Research is cited using APA format  □ At least three reputable sources are used  □ Research is complete and relevant to the experiment  □ Research is scientifically accurate  □ Hypothesis is stated as an *if… then… because...* statement | □ Problem statement is mostly relevant to the experiment  □ Research is cited, but may not be in APA format  □ Only two reputable sources are used  □ Some research may not be complete or relevant to the experiment  □ Research has some scientific inaccuracies  □ Hypothesis is stated as an *if… then… because...* statement | □ Problem statement is not relevant to the experiment, or is not stated  □ Research is not cited  □ Only one reputable sources are used  □ Some research may not be complete or relevant to the experiment  □ Research is not scientifically accurate  □ Hypothesis is not stated as an *if… then… because...* statement | □ This component is incomplete or inaccurate. |
| **Variables (x1)** | □ Both independent and dependent variables are correctly identified  □ Experimental control is correctly identified (if applicable)  □ At least five variables to remain constant are identified | □ Either independent or dependent variables are correctly identified  □ Experimental control correctly identified  □ At least four variables to remain constant are identified | □ Neither independent nor dependent variables are correctly identified  □ Experimental control not correctly identified  □ At least three variables to remain constant are identified | □ This component is incomplete or inaccurate. |
| **Materials (x1)** | □ All relevant materials are listed  □ Measurements and details are given for all materials | □ Most relevant materials are listed  □ Measurements and details are given for most materials | □ Several relevant materials are missing  □ Measurements and details are missing for most materials | □ This component is incomplete or inaccurate. |
| **Procedure (x1)** | □ Includes all information needed to test the hypothesis  □ Includes all relevant measurements and details  □ Procedure is written in paragraph form, passive voice, simple past tense | □ Includes most of the information needed to test the hypothesis  □ Includes some relevant measurements and details  □ Procedure is partially written in paragraph form, passive voice, simple past tense | □ Procedure is too incomplete to properly test the hypothesis  □ Measurements and details are missing  □ Procedure is not written in paragraph form, passive voice, simple past tense | □ This component is incomplete or inaccurate. |
| **Component**  **(x weight)** | **You Got This! (4)** | **Getting There… (3)** | **Needs Work. (2)** | **Where Is It? (1)** |
| **Data (x1)** | □ Data is presented in both tables and graphs  □ Measurements and observations are complete and accurate  □ Tables and graphs are free of errors and contain titles, labels, and units | □ Data is presented in both tables and graphs  □ Measurements and observations are mostly complete and accurate  □ Tables and graphs have minor errors, or may be missing some titles, labels, or units | □ Data is presented in a table or a graph, but not both  □ Measurements and observations are not complete and/or not accurate  □ Tables and graphs have are missing titles, labels, or units | □ This component is incomplete or inaccurate. |
| **Conclusion (x4)** | □ Problem statement is restated  □ Hypothesis is restated  □ Data is thoroughly analyzed by referring to multiple data points (numbers) from the tables and graphs  □ Justification is given for acceptance or rejection of the hypothesis based on evidence from the data  □ Possible sources of error are correctly identified | □ Problem statement is restated  □ Hypothesis is restated  □ Analysis of data from the tables and graphs is limited  □ Justification for acceptance or rejection of the hypothesis based on evidence from the data is limited  □ Possible sources of error are mentioned, but may not be correctly identified | □ Problem statement is not restated  □ Hypothesis is not restated  □ Analysis of data is general and does not include discussion of actual numbers  □ No use of evidence from the data is used to justify the acceptance or rejection of the hypothesis  □ Possible sources of error are not mentioned | □ This component is incomplete or inaccurate. |
| **References (x1)** | □ Reference page is a separate page at the end  □ References are all in APA format  □ References are in alphabetical order  □ First line of each reference is *not* indented, but the second line is indented 5 spaces | □ One of the four “You Got This!” indicators is missing or incorrect | □ Two of the four “You Got This!” indicators is missing or incorrect | □ This component is incomplete or inaccurate. |
| **Scientific**  **Writing (x1)** | □ All components are written in past tense    □ Proper use of scientific language | □ Most components are written in past tense    □ Some misuse of scientific language | □ Some components are written in past tense    □ Scientific language is not properly used | □ This component is incomplete or inaccurate. |
| **Scientific**  **Presentation (x1)** | □ Lab report is typed  *All of the following are correct:*  □ Times New Roman or Arial font  □ 12 pt. font  □ double spaced  □ 1 inch margins  □ All components are in the correct order | □ Lab report is typed  *One of the following is incorrect:*  □ Times New Roman or Arial font  □ 12 pt. font  □ double spaced  □ 1 inch margins  □ All components are in the correct order | □ Lab report is typed  *Two of the following are incorrect:*  □ Times New Roman or Arial font  □ 12 pt. font  □ double spaced  □ 1 inch margins  □ All components are in the correct order | □ This component is incomplete or inaccurate. |
| **Spelling,**  **Grammar, &**  **Punctuation (x1)** | □ Spelling is correct  □ Grammar is correct  □ Punctuation is correct | □ Minor errors in spelling  □ Minor errors in grammar  □ Minor errors in punctuation | □ Major errors in spelling  □ Major errors in grammar  □ Major errors in punctuation | □ This component is incomplete or inaccurate. |