**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. |