**Lab Report Rubric**

Score: /44 =

*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. |
| **Introduction (x2)** | □ Problem statement is provided□ Problem statement is relevant to the experiment□ Research is complete and relevant to the experiment□ Research is scientifically accurate□ Hypothesis is stated as an *if… then… because...* statement | □ Problem statement is provided□ Problem statement is mostly relevant to the experiment□ 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 provided□ Problem statement is not relevant to the experiment, or is not stated□ 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. |
| **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 | □ Includes most of the information needed to test the hypothesis□ Includes some relevant measurements and details□ Procedure is partially written in paragraph form | □ Procedure is too incomplete to properly test the hypothesis□ Measurements and details are missing□ Procedure is not written in paragraph form | □ This component is incomplete or inaccurate. |
| **Data (x2)** | □ Qualitative data is presented thorough description of any color changes and/or non-changes□ Qualitative data is presented thorough detailed, labeled “before and after” drawings of the experimental setup□ Observations are complete and accurate | □ Qualitative data is presented through brief description of any color changes and/or non-changes□ Qualitative data is presented thorough “before and after” drawings of the experimental setup, but details and/or labels are insufficient□ Observations are mostly complete and accurate | □ Qualitative data is presented through description of either color changes or non-changes, but not both□ Qualitative data is presented thorough “before and after” drawings of the experimental setup, but details and/or labels are missing□ Observations are not complete and/or not accurate | □ This component is incomplete or inaccurate. |
| **Component** **(x weight)** | **You Got This! (4)** | **Getting There… (3)** | **Needs Work. (2)** | **Where Is It? (1)** |
| **Conclusion (x2)** | □ Problem statement is restated□ Hypothesis is restated□ Data is thoroughly analyzed by discussion of what the color changes and/or non-changes indicate□ Justification is given for acceptance or rejection of the hypothesis based on evidence from the data combined with background knowledge□ Student refers extensively to background information to justify their conclusion  | □ Problem statement is restated□ Hypothesis is restated□ Data is analyzed by discussion of what the color changes and/or non-changes indicate□ Justification for acceptance or rejection of the hypothesis is based on limited evidence □ Data from multiple trials is compared, but no mention is made of the validity of the results□ Student makes passing reference to background information to justify their conclusion  | □ Problem statement is not restated□ Hypothesis is not restated□ Data is not analyzed by discussion of what the color changes and/or non-changes indicate□ No use of evidence from the data is used to justify the acceptance or rejection of the hypothesis□ Data from multiple trials is not be compared□ Student does not refer to background information to justify their conclusion  | □ 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□ 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□ 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□ 1 inch margins□ Some components are out of 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. |