

Lab Report Score Sheet

Name _____ Section _____ Date _____

Lab partners _____

| Category | Scoring Criteria | Points | Student Evaluation | Teacher Evaluation |
|------------------------------------|---|--------|--------------------|--------------------|
| Title Page (2) | Abstract gives a clear synopsis of the lab | 2 | | |
| Purpose (4) | The question to be answered during the lab is clearly stated | 2 | | |
| | The hypothesis clearly shows it is based on research (<i>not just a wild guess</i>) and is written in the formal format | 2 | | |
| Lab Introduction (10) | Thoroughly and accurately answers the relevant questions put forth in the lab handout | 4 | (x2) | |
| | Research references used to prepare lab are properly cited and trustworthy | 2 | | |
| Materials & Methods (3) | Presents easy-to-follow steps which are logical and adequately detailed | 3 | (x3) | |
| Data & Results (4) | Data table is complete and accurate | 4 | | |
| Discussion/ Conclusion (20) | States a conclusion based on the hypothesis and purpose (supports or rejects hypothesis) | 2 | | |
| | The data is analyzed in an appropriate way and is related to the hypothesis and purpose | 4 | (x2) | |
| | Identifies sources of error and explains their effects on results | 2 | (x3) | |
| | Presents suggestions on experiment improvement and further studies to be done | 2 | (x2) | |
| Presentation (7) | Report is typed, no larger than 12 font, 1.5 spacing and margins of 1” | 2 | | |
| | Logically sequenced as laid out in the lab report; Lab report sections clearly distinct from each other | 2 | | |
| | All grammar and spelling are correct. Use of paragraphs aids organization. | 2 | | |
| | Bibliography (MLA format) | 1 | | |
| | <i>Lab notes are attached and provide a thorough record of the lab process</i> | 2 | | |
| | <i>Lab report is stapled and scoresheet (self evaluation) is completed and attached</i> | 1 | | |
| Total: | | 60 | | |

Lab Report Rubric

| Category | 0 | 1 | 2 | 3 | 4 |
|---|-------------|--|--|---|--|
| <i>Abstract gives a clear synopsis of the lab</i> | Not present | Synopsis is not clear or some elements of the abstract are missing | Gives a clear synopsis of the lab purpose, hypothesis, experimental approach, and conclusion | | |
| <i>The question to be answered during the lab is stated</i> | Not present | The question is identified, but in a somewhat unclear manner | The question is clearly identified and stated | | |
| <i>The hypothesis clearly shows it is based on research (not just a wild guess) and is written in the formal format</i> | Not present | The hypothesis is poorly stated (improper format or not reasonable) | The hypothesis is clear and well-written in the If...Then... format | | |
| <i>Thoroughly answers the relevant questions put forth in the lab handout</i> | Not present | Shows an inaccurate understanding of the questions and concepts in the lab handout | Shows a limited understanding of the questions and concepts in the lab handout | Shows an accurate understanding of most questions and concepts in the lab handout | Shows a thorough and accurate understanding of all questions and concepts in the lab handout |
| <i>Research references used to prepare lab are properly cited and trustworthy</i> | Not present | In-text citations are present, but either in incorrect format or not for all cases | In-text citations are present, used correctly, and in correct format | | |
| <i>Presents easy-to-follow steps which are logical and adequately detailed</i> | Not present | Procedure is unclear and incomplete | Procedure is unclear or incomplete | Procedure is presented clearly and with enough detail | |
| <i>Data table is complete and accurate</i> | Not present | Data are not shown OR are inaccurate. | Accurate representation of the data in written form, but graphs or tables are presented. | Accurate representation of the data in tables and/or graphs. Graphs/tables and/or titles are not entirely appropriate labeled and titled. | Accurate and appropriate representation of the data in tables and/or graphs. Graphs and tables are labeled and titled. |
| <i>States a conclusion based on the hypothesis and purpose (supports or rejects hypothesis)</i> | Not present | Conclusion is stated in an unclear manner or is unrelated to the original hypothesis | Conclusion is clearly stated and relates to the hypothesis and purpose (hypothesis is either rejected or accepted) | | |

| | | | | | |
|--|------------------------------------|---|--|--|--|
| <i>The data is analyzed in a appropriate way and is related to the hypothesis and purpose</i> | Not present | The relationship between the variables is not discussed | The relationship between the variables is discussed, but no connection is made to the conclusion | The relationship between the variables is discussed and the link between the data and the conclusion is stated, but not explained OR the data and conclusion are explained, but the link between variables is missing | The relationship between the variables is discussed and the link between the data and conclusion is thoroughly discussed and explained |
| <i>Identifies sources of error and explains their effects on results</i> | Not present | Errors and their effects are stated in an unclear manner or show little effort and reflection | Errors and their effects are identified and clearly stated | | |
| <i>Presents suggestions on experiment improvement and further studies to be done</i> | Not present | Further studies and improvements are stated in an unclear manner or show little effort and reflection | Further studies and improvements are identified and clearly stated | | |
| <i>Report is typed, double-spaced, no large than 12 font, and margins of 1”</i> | Not present | Lab report only has some of these things | Lab report has all of these things | | |
| <i>Logically sequenced as laid out in the lab report; Lab report sections clearly distinct from each other</i> | Not present | Lab report only uses headings sometimes and the sections are not clearly distinct from each other | Lab report uses clear headings and subheadings to visually organize the material | | |
| <i>All grammar and spelling are correct</i> | Not present | Grammar and spelling are mostly correct | Grammar and spelling are correct and the paper has clearly been proofread and edited | | |
| <i>Lab notes are attached and provide a thorough record of the lab process</i> | Not present | <i>Lab notes are attached but do not provide a thorough record of the lab process</i> | <i>Lab notes are attached and provide a thorough record of the lab process</i> | | |
| <i>Lab report is stapled and scoresheet (self evaluation) is completed and attached</i> | Not Stapled or scoresheet not done | <i>Lab report is stapled and scoresheet (self evaluation) is completed and attached</i> | | | |