

# *Miss Gallina's Informal Lab Report Rubric For Biology*

Section	Components of Section	Scoring
I. Title Information and Format	<ul style="list-style-type: none"> <li>• In the <u>header</u> have: Your name, your partner's name, and the date of the experiment</li> <li>• In the <u>footer</u> have: Miss Gallina, Biology, Period 1, 3, or 7, date report due</li> <li>• Title of experiment <u>centered</u> at the <u>top</u> of the page</li> <li>• General rules followed: no personal pronouns, label sections (III. Procedure, ...), well organized</li> </ul>	<hr style="width: 50%; margin: auto;"/> 10
II. Purpose and Hypothesis	<ul style="list-style-type: none"> <li>• Write the objective(s) / purpose of the experiment</li> <li>• State your hypothesis</li> </ul>	<hr style="width: 50%; margin: auto;"/> 15
III. Procedure	<ul style="list-style-type: none"> <li>• Bullet or number the steps of the procedure (include any adjustments made to the experiment)</li> <li>• Steps are correct and complete</li> </ul>	<hr style="width: 50%; margin: auto;"/> 15
IV. Observations and Data	<ul style="list-style-type: none"> <li>• All data is reported</li> <li>• Data is analyzed (calculations, averages, etc.)</li> <li>• Tables and graphs/figures are correctly labeled and organized, including a title of each and a legend if necessary</li> <li>• Independent and dependent variable <b>identified</b> correctly</li> <li>• Note any trends or observations without making conclusions</li> </ul>	<hr style="width: 50%; margin: auto;"/> 25
V. Discussion and Analysis	<ul style="list-style-type: none"> <li>• Restate hypothesis and relate it to the results (Do not state whether hypothesis was correct or not!)</li> <li>• Refer to any trends found in tables or figures to make a conclusion</li> <li>• Any deviations from what was expected are explained, unclear or unknown results noted</li> <li>• Sources of error are listed and discussed based on relevance</li> <li>• Improvements made to techniques and/or experimental design in order to limit error when the experiment is repeated</li> <li>• Answer any questions post-lab questions at the end of this section</li> </ul>	<hr style="width: 50%; margin: auto;"/> 25
VI. Conclusion	<ul style="list-style-type: none"> <li>• Conclusions are accurate and supported by evidence</li> <li>• One overall paragraph</li> <li>• State whether or not the hypothesis was correct</li> </ul>	<hr style="width: 50%; margin: auto;"/> 10
<b>Total</b>		<hr style="width: 50%; margin: auto;"/> <b>100</b>