

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