

## Microbiology Lab Report Grading Rubric

Names: \_\_\_\_\_ Lab Report #: \_\_\_\_\_

CATEGORY	WHAT IS REQUIRED
<b>Cover Page</b> 2 points	Information provided on the cover page is correct. It is reported in the correct order in the appropriate place on the page. Lab title, your name, Date Due, Lab time, Lab partner
<b>Introduction</b> 12 points	Summarize relevant background information from textbook selections, laboratory introduction and appropriate lecture notes to provide the significance of performing the exercise. You need to gather info from more than just the lab report. Includes what you are going to do, why you are performing the lab, what you hope to gain from the exercise and how this will be accomplished.
<b>Hypothesis / Hypotheses</b> 8 points	The purpose of the lab is summarized in the hypothesis statement(s). The question(s) to be answered during the lab is (are) clearly identified and stated using 'if...then' statement(s).
<b>Methods</b> 8 points	Procedures are listed in clear steps. Each step is numbered and is a complete sentence. Methods are written in the past tense.  <i>Do not cut and paste the procedure section from your lab exercise, or do that and slightly change the wording. That is plagiarism. You need to make the instructions your own, and express them in your own way.</i>
<b>Results</b> 10 points	A narrative of your results is provided in one or more paragraphs. Accuracy of results will be taken into consideration in grading. Results are mainly presented in diagrams, tables and/or graphs which are referred to in your narrative.
<b>Tables, Graphs, Drawings/Diagrams</b> 10 points	Professional looking and accurate representation of the data in tables and/or graphs. Clear, accurate diagrams are included and make the experiment easier to understand. All diagram /drawings, tables and graphs are titled and labeled neatly and accurately.
<b>Analysis</b> 10 points	Results are analyzed relative to your hypothesis. Accuracy of analysis of results will be taken into consideration in grading.
<b>Conclusion</b> 10 points	Describe how the results answer the question (or not). Summary describes the skills learned, the information learned and some future applications to real life situations. Experimental errors, their possible effects, and ways to reduce errors are discussed.
<b>Works Cited</b> 6 points	Any information that is not your own must be cited, and the author given credit. Use these instruction for formatting citations: <a href="http://tim.thorpeallen.net/Courses/Reference/Citations.html">http://tim.thorpeallen.net/Courses/Reference/Citations.html</a>
Appearance/Organization 6 points	Lab report is typed and uses headings and subheadings to visually organize the material. All <b>bolded</b> rows in rubric are bolded heading in the report
Spelling, Punctuation and Grammar 6 points	One or fewer errors in spelling, punctuation and grammar in the report. Scientific names must be properly formatted.
Submission for Grade 6 points	Upload paper to Moodle <i>AND</i> hand in hard copy by due date. You must do both.
Safety & Participation 6 points	Lab is carried out with full attention to relevant safety procedures. The set-up, experiment, and tear-down posed no safety threat to any individual. Time was well used in the lab.

**Total \_\_\_\_\_ - Penalty points \_\_\_\_\_**

**Total Score: \_\_\_\_\_/100**