

LAB REPORT OVERVIEW AND GRADING

There are five main parts to a science lab report

- 1. Introduction**
- 2. Materials - Methods**
- 3. Results**
 - a. Figures**
 - b. Tables**
- 4. Conclusion**
- 5. Reference section**

IMPORTANT THINGS TO REMEMBER:

1. All members should be shared on the document.
2. I should be shared to the document
3. Make me owner of the document
4. When you write a paragraph, you must sign it by putting your last name in parenthesis at the end of the paragraph (Duick).
5. *The rubric for evaluation is on the next three pages*

Grading Rubric for Written Lab Reports

	A (4)	B (3)	C (2)	D/F (1/0)
Introduction	Introductory paragraph 2-4 paragraphs explaining the purpose and equations used Paragraphs follow the sequence General - Specific – Specific – Summative – transition format No personal pronouns Last paragraph (In this study we ...) states Hypothesis Whether data accepts or rejects Percent error	<i>One or two errors</i>	<i>Three or four errors</i>	<i>Five or + errors</i>
Materials Methods	All experiments are written out Past tense is used NO personal pronouns Object becomes subject Procedure makes sense No steps left out No Data should be used Refer to figures	<i>One or two errors</i>	<i>Three or four errors</i>	<i>Five or + errors</i>
Results	Introductory paragraph Written in past tense No Pronouns Numbers units Numbers SigFig Numbers SciNot All data in figures and tables are included Proper flow between paragraphs .	<i>One or two errors</i>	<i>Three or four errors</i>	<i>Five or + errors</i>
Conclusion	Written in past tense Pronouns allowed Clear concise synopsis Hypothesis restated Accept or rejection made Summarized Data given Percent error or Standard deviation	<i>One or two errors</i>	<i>Three or four errors</i>	<i>Five or + errors</i>

Comments:

	A (4)	B (3)	C (2)	D/F (1/0)
Figures	<i>Perfect report Figure</i> Labeled properly x- axis y- axis self-standing units with numbers Numbers SigFig Numbers SciNot	<i>One or two error on figures</i>	<i>Three or four errors on figures</i>	<i>Five or + errors</i>
Tables	<i>Perfect report Table</i> Labeled properly Foot noted units with numbers all data columns present Numbers SigFig Numbers SciNot	<i>One or two error on Tables</i>	<i>Three or four errors on Tables</i>	<i>Five or + errors</i>
Style: Sentence structure	Sentences are clear and varied in pattern, from simple to complex, with excellent use of punctuation.	Sentences are clear but may lack variation; a few may be awkward and there may be a few punctuation errors.	Sentences are generally clear but may have awkward structure or unclear content; there may be patterns of punctuation errors.	Sentences aren't clear
Grammar & Mechanics	Excellent grammar, spelling, syntax and punctuation.	A few errors in grammar, spelling, syntax and punctuation, but not many.	Shows a pattern of errors in spelling, grammar, syntax and/or punctuation. Could also be a sign of lack of proof-reading.	Continuous errors
Work Equity	Equal distribution of work among lab members	One lab partner did significantly less work (e.g. only filled in tables or figures no written contribution)	Lab report only written by 2/3 of the group – one person excluded	One lab partner wrote entire report

(_____ / 36) = _____ %

_____ % * 50pts = _____

Comments: