

Science Lab Report

Student: _____ Assignment Date: _____

Course Title: _____ Grade: _____ Year: _____

Assignment: _____

PART 1: INTRODUCTORY INFORMATION

A. Purpose of Lab: State the problem you are trying to solve, or the question you are trying to answer.

B. Hypothesis: State what you expect will happen during the experiment BEFORE you begin the experiment.

PART 2: PROCEDURAL INFORMATION

List the equipment or tools used in the experiment. List any references or printed resources used.

PART 3: PROCESS INFORMATION

Describe the process you used when conducting the experiment. Include enough information to allow others to duplicate the process. For example: First I did this, then I added this, this came next, etc.

PART 4: CONCLUSIONS

A. What did you observe? What happened? What did you see? Describe what you observed, not your opinion or thoughts.

B. Was your hypothesis proven to be correct or incorrect?

CORRECT INCORRECT

C. Is there anything else you would like to record about this experiment? Opinions and thoughts can be included here.

EVALUATING STUDENT WORK

Science Lab Scoring Suggestions

Total Possible: 100 points

Suggestion: Allow student access to this grading criteria by including it with the lab report.

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	Total Points Possible 100	How do I rate my report?	How does my teacher rate my report?
1. The report is neatly printed or typed.	10 points	_____	_____
2. The Hypothesis is clearly stated and it is not a question; but rather a statement of what the student expects the experiment to show.	15 points	_____	_____
3. The Purpose clearly states what problem is trying to be solved or what question is trying to be answered.	7 points	_____	_____
4. Any references to written work (textbooks, internet, etc.) are clearly noted and in the proper format, stated as if they had been written for an English class.	8 points	_____	_____
5. The procedures are so clear that anyone reading them would be able to reproduce this experiment step-by-step.	10 points	_____	_____
6. The results are clearly stated as facts, not opinions -- the results are observations only. If pictures or graphs were used to plot the results, then they are appropriately labeled and clearly marked.	30 points	_____	_____
7. The Conclusion states whether the hypothesis was correct or incorrect.	10 points	_____	_____
8. You may write an additional part of the conclusion to state your opinion about what happened. You might include several "what if" statements that might have changed the formula, the process, or the outcome.	10 points	_____	_____
	Total	_____	_____

Signature of the Evaluator _____ Date _____