

Level III lab report

Students will be presented with the lab procedure. The final report will be typed; all data tables and graphs will be computer generated. Students will also be responsible for writing a formal LAB ABSTRACT. Students should prepare their lab report as if they were submitting it for publication in a formal scientific journal.

Lab book – Teachers may also include a lab book component to the lab program:

Lab books should follow the following format. NOTE: *NO pages may be removed from your lab book, nor any information scratched/whited out.*

**P
R
E
L
A
B**

Date (of lab), Title of lab, Lab partners

Purpose of lab – 1-2 sentences describing the goal(s) of the lab. What do you want to find out?

Hypothesis (when asked for) – 2 sentences. What do you think will happen and WHY? Every hypothesis should include a reason.

Procedure – the steps of the lab. The procedure will be written AS YOU DO THE LAB; not before and definitely NOT after. The procedure should be a summary of the steps outlined in the lab handout (do not copy the steps word for word).

Data – Put the data collected during the lab into a chart or table. RECORDERS....Skip enough lines for the procedure and then write the data table ahead of time. NOTE: *All tables/charts must have a title and have correct units and labels.*

Conclusions – Include one or more of the following, as instructed: 1) calculations; 2) analyze your hypothesis (were you right or wrong AND why?); 3) graphs (w/ title and labels); 4) answers to conclusion questions.

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LAB	REQUIREMENTS	POINTS
General	Table of contents – complete	-2
	All information in INK	-3
	All data tables/graphs have titles	-2
	All data has proper units	-2
	Date, Title, Purpose	-1 per lab
	Data Table	-2 per lab
	Procedure	-3 per lab
Conclusion Questions	1 point per question per lab	