



# SCIENTIFIC LAB REPORT

## Format Requirements



**TITLE:** The Effect of the IV on the DV

**RESEARCH QUESTION:** What is the Effect of the IV on the DV?

**BACKGROUND INFORMATION:**

1. Include important definitions
2. Organize paragraphs from the **MOST** important idea to **LEAST** important.
3. The **LAST** paragraph should explain how the lab is SET UP.

**HYPOTHESIS:** “If...,then...because...”

“ **IF...** (describe IV), **THEN...** (how will DV be affected) **BECAUSE...** (what is your reasoning for expecting this result?)”

**MATERIAL LIST:**



**PROCEDURE:**

1. Use NUMBERED steps.
2. Are the steps in the correct order?
3. How will you collect data?
4. What units will you use?
5. How will you analyze data?
6. How will you clean up?

Procedure

1. ....
2. ....
3. ....
4. ....

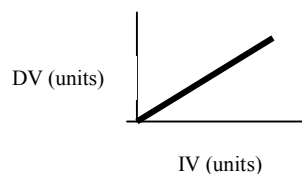
**DATA:**

**Title: The Effect of the IV on the DV**

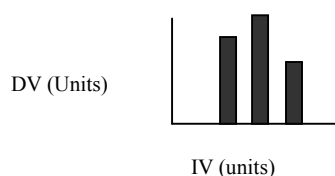
IV (units)	DV (units)			CALC. VALUE (units)
	Trial 1	Trial 2	Trial 3	

**GRAPH:**

**LINE GRAPH:** IV is numerical  
Title: The Effect of the IV on the DV



**BAR GRAPH:** IV is categorical  
Title: The Effect of the IV on the DV



**CONCLUSION:**

1. Purpose of experiment
2. Restate hypothesis
3. Was hypothesis “supported” or “not supported?” (don’t use “proved”)
4. Include Data (quantitative or qualitative)
5. What improvements can be made to the procedure? / Did any errors occur?
6. Why is this topic useful or helpful to know about?

**REFERENCES:**

Periodical/Book/Journal: Author Name. Title. Publisher, Date.  
INTERNET: Author Name. Title. URL address. Date viewed.