

## I. Question/Problem

- Ask a question about something observed.
  - Why?
  - How?
  - What?
- Question to be solved.
- Must be about something measurable.

## II. Hypothesis

- Testable
- If, then because statements
  - If \_\_\_\_\_ [*I do this*], then \_\_\_\_\_ [*this will happen*]  
because \_\_\_\_\_ (explain why you think it will happen)
- Educated guess about how things work.
- Mnemonic - TIE

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Period: \_\_\_\_\_ time: \_\_\_\_\_

My question: \_\_\_\_\_

Today I (or we) want to find  
out \_\_\_\_\_ (problem)

I think \_\_\_\_\_ will happen because  
\_\_\_\_\_ (prediction)

I noticed or (observed) \_\_\_\_\_  
(observation)

Today I learned

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ (Conclusion)

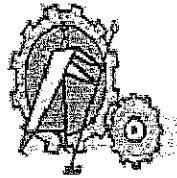
I wonder \_\_\_\_\_ (reflection)

Questions I have now are \_\_\_\_\_ (next steps/new  
questions)

**KVMS**  
**Lab Report Evaluation Form**

A completed Lab Report should include the following sections:

**Heading, Title, Problem, Hypothesis, Materials, Procedures, Data, Conclusion, and Conclusion Questions.**



**This Lab Report Is Completed To The Best Of My Ability.**

X \_\_\_\_\_

(Student Signature)

Name: \_\_\_\_\_

Teacher: Ms. Moriarty

Title of Experiment: \_\_\_\_\_

Date Submitted: \_\_\_\_\_ Lab Partner(s): \_\_\_\_\_, \_\_\_\_\_

<u>Teacher</u>	<u>Criteria</u>	<u>Student</u>
0, 5, 10	Clear and Appropriate <b>HEADING, TITLE, PROBLEM, and HYPOTHESIS.</b>	0, 5, 10
0, 5, 10	All <b>MATERIALS</b> listed and a summary of <b>PROCEDURE.</b>	0, 5, 10
0, 10, 20	Appropriate presentation of <b>DATA</b> and observations including graph(s), chart(s), drawing(s), etc. Accuracy of data.	0, 10, 20
0, 10, 30, 50	Clear and concise <b>CONCLUSIONS.</b> Conclusion addresses problem and states knowledge gained. Answers to all <b>QUESTIONS.</b>	0, 10, 30, 50
0, 5, 10	Overall- <b>NEATNESS, GRAMMAR,</b> adheres to <b>FORMAT,</b> etc.	0, 5, 10
_____	<-----Total points earned = Lab grade----->	_____

**Teacher Comments:**