Lab format: - - * Denotes pre-lab requirements

DO NOT USE first and second person terms: I, my, mine, we, our, us, etc.

*Title

Your last name, first; lab partner last name, first (only your name is in bold)

The balance of the report is ***labeled***

***Purpose:** One or more **sentences** that tell the reader why you are doing the lab. Avoid the standard beginning such as "The purpose of this lab is…" instead use Various metals will be exposed to acids and bases… If you are studying a specific concept in the class, you can refer to it here and how it correlates to the lab activity (experiment).

***Hypothesis:** One brief and **specific** sentence **stating what you predict**. Make sure you can test it. Make sure there are not several variables. Avoid a statement that is and "or" statement such as: The reaction will cause the solution to turn brown or green. (Pick one and go with it.) Again, no first person.

***Materials:** This should be a **bulleted list** of **all the items** you need for the lab

***Procedure:** This section must be done **stepwise**, not in paragraph form, and in your own word. Keep instructions short and to the point but detailed enough to follow without asking for assistance. Your written procedure should allow any person to duplicate your experiment, reading your procedure only, and obtaining the same or similar results.

1.

2. etc.

***Data:** This is usually a table or chart of the results of your experiment**. All pre-labs must have tables ready for information to be inserted in them – not created during the lab**

Analysis: This is one or more paragraphs explaining the data that will lead to you conclusion. You will also include any ***known error*** that you made along with what affect that had on your experimental results. If you use another person's data as a result of your error, make sure you give them credit.

Analysis Questions:
If I require your to answer a set of questions in addition to YOUR analysis, you will do so in this section. Type the complete question and then answer it. Your answer must always be in complete sentences. If you are being requested to calculate data, you must show all your calculation work.

Conclusion: This should be a minimum of 2 and a maximum of 5 short precise sentences in paragraph form. The conclusion **must** answer your hypothesis.

Sources of Error: This should be written in paragraph form at a minimum of two possible sources or error. Be sure to explain the ramifications of the possible error.

Lastly - - the stamped pre-lab will be verified prior to return of lab report. It should contain all the work from the lab itself. Points will be awarded accordingly.

Lab Report Rubric

Name: _____

Hour: _____ Date: _____

Section	Max. Points	Your Score
Title:	2	_____
Name & Partner	2	_____
Purpose:	2	_____
Hypothesis:	4	_____
Materials:		
All listed:	4	
Most listed:	3	_____
Few or none listed:	1	
Procedure:		
All steps listed	4	
Most listed:	3	_____
Few or none listed:	1	
Data	2	_____
Analysis: (yours)	10	_____
All questions answered:	4	
Most Answered	3	_____
Few or none answered	1	
Conclusion:		
Supports your hypothesis completely	4	
Supports your hypothesis somewhat	3	_____
Does not support your hypothesis	1	
Source of Error		
Two or more	2	
Fewer than two	0	_____
Pre-Lab		
Attached & stamped	10	_____
Total:	50	_____
Graphs (if any)		_____
Total:		_____

Lab Report Rubric

Name: _____

Hour: _____ Date: _____

Section	Max. Points	Your Score
Title:	2	_____
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Purpose:	2	_____
Hypothesis:	4	_____
Materials:		
All listed:	4	
Most listed:	3	_____
Few or none listed:	1	
Procedure:		
All steps listed	4	
Most listed:	3	_____
Few or none listed:	1	
Data	2	_____
Analysis: (yours)	10	_____
All questions answered:	4	
Most Answered	3	_____
Few or none answered	1	
Conclusion:		
Supports your hypothesis completely	4	
Supports your hypothesis somewhat	3	_____
Does not support your hypothesis	1	
Source of Error		
Two or more	2	
Fewer than two	0	_____
Pre-Lab		
Attached & stamped	10	_____
Total:	50	_____
Graphs (if any)		_____
Total:		_____