Title: _________________________________________________

_________________________________________________________

Hypothesis: ____________________________________________

_________________________________________________________

Experimental Design:

I.V.

Levels: 

Trials: 

D.V.

Constant Variables: (All MUST have numbers/brand names!)
(1)
(2)
(3)
(4)

Control:

Materials List: (Be descriptive: such as, 500 mL Pyrex beaker)
1. _______________________________________________________
2. _______________________________________________________
3. _______________________________________________________
4. _______________________________________________________
5. _______________________________________________________

Procedure: (10 steps required. 5 with numbers)
1. _______________________________________________________
2. _______________________________________________________
3. _______________________________________________________
4. _______________________________________________________
5. _______________________________________________________
6. _______________________________________________________
7. _______________________________________________________
8. _______________________________________________________
9. _______________________________________________________
10. ______________________________________________________
Data Table: ______________ VS. ______________

<table>
<thead>
<tr>
<th>I.V.</th>
<th>D.V.</th>
<th>Typical Value</th>
<th>Spread</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trials</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Graph: ______________ VS. ______________

Results
Sentence:

_____________________________________________________________________

_____________________________________________________________________

_____________________________________________________________________
Conclusion Paragraph:

1. What was the purpose of the experiment? (Mention both I.V. and D.V.)
2. What were the means of your levels? What does this indicate about your experiment?
3. What were the ranges of your levels? What does this indicate about your experiment?
4. What happened that you did not expect? How can you explain this?
5. What about your experiment went exactly as you expected? How can you explain this?
6. Does the data support the hypothesis? Do NOT say yes or no. Instead, use a complete sentence answer such as: The data supports or does not support the hypothesis.
7. Discuss possible explanations for your findings.
8. What recommendations do you have for improving this experiment?
9. What recommendations do you have for further study?