

Title:

Name: _____

Homeroom: _____

Grade: _____

Purpose

The purpose of this experiment is to

This project is important outside of the classroom because

Hypothesis

The experimenter believes that

will happen when he/she completes the experiment.

The experimenter believes this will happen because

Variables

Independent Variable (Manipulated Variable):

Dependent Variable (Responding Variable):

Constants (Stays the same through the whole project):

| | | |
|-------|-------|-------|
| <hr/> | <hr/> | <hr/> |
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Control Group:

Experimental Groups:

Materials

Material

What It Is Used For In The Experiment

| | | |
|----|---|--|
| 1. | : | |
| 2. | : | |
| 3. | : | |
| 4. | : | |
| 5. | : | |
| 6. | : | |
| 7. | : | |
| 8. | : | |

Procedure

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Trial 1 Data Table

| | | |
|--|--|--|
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| | | |
| | | |
| | | |

Trial 2 Data Table

| | | |
|--|--|--|
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| | | |
| | | |

Trial 3 Data Table

| | | |
|--|--|--|
| | | |
| | | |
| | | |
| | | |

Data Graph

(Draw Your Graph Below)

Data Analysis

The graph showed

I think the data showed this because

Conclusion

1. My hypothesis statement was correct/incorrect (circle one) because

2. My research supported/did not support (circle one) because

3. The problems I had with this experiment were

I corrected these problems by _____

5) I would make the project better by _____
