

LAB: PAPER TOWEL ABSORBENCY

Pre-lab questions:

1. What is the purpose of a paper towel?
2. What does the word “absorbency” mean?

Problem: Which brand of paper towel is the most absorbent?

Research: Use a chromebook to learn about paper towels. Find at least two facts and cite your sources.

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Sources: 1.

2.

Hypothesis:

This is a good format to use when writing a hypothesis, but it is not always appropriate. (If... then... because...)

Independent Variable: (Manipulated variable- “I Change” variable) _____

Dependent Variable: (Responding Variable- “Data”) _____

Control(s): (Variables we want to keep constant) _____

Materials: List the materials you will use in your experiment. Be specific!

Procedures: List the steps you will take in your experiment. You do not have to use all of these steps. Be Specific!!! **Get approval from your teacher before you start.**

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.

Data: Create a **table** to organize your **QUANTITATIVE** data. The independent variable goes in the first column. The dependent variable goes in the second column. Include the units of measurement.

QUALITATIVE descriptions: Describe each paper towel using your 5 senses.

Paper towel a.()
Paper towel b.()
Paper towel c.()
Paper towel d.()

Graph: Independent variable is written on the bottom. Dependent variable is written on the left side. Include the units of measurement.



Conclusion: Based on your data, you would write a conclusion in the same form as your hypothesis. If your hypothesis was correct, then your conclusion would be the same.
