***Chemistry A Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***Period\_\_\_\_\_***

***Evaluation of Paper Towels***

**Materials:** calculator, paper towels with wrapping, water, washers, tape measure, cups, measuring cups, string, metric rulers, eye droppers.

**Question:** which brand of paper towels is the best buy?

**Hypothesis:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_ towels are the "best."

**Student should:**

* Discuss criteria involved in "best" paper towel (price per unit amount, 1-ply, 2-ply , absorbency (grams of water per square inch), strength (can support a certain weight)
* Design experiment for assessing each criterion. What criteria are most important?
* Carry out experiment.
* Prepare a consumer report that includes
  1. A list and description of the criteria for the best buy (at least 2).
  2. Graphs, charts, tables and diagrams of results.
  3. Conclusion(s) based on results, defending a choice for the best buy.
  4. A persuasive paragraph for the magazine, "Consumer Reports"