

NAME: _____

LAB ACTIVITY: Using the Scientific Method to Investigate Toilet Paper Strength

Design an experiment to test the strength of your toilet paper compared to school toilet paper. Answer questions on the other side of this sheet.

Observation:

Question:

Hypothesis:

Experiment:

Materials: Two labeled samples of toilet paper, 3 squares each; beaker; water; pipette; rubber band; pennies

Procedure: *(List all the steps in your experimental procedure.)*

Data Table: *(Design a table that best presents your data. Do three trials for each sample)*

Conclusion:

Thinking Questions:

1. Why is it important to repeat the experimental procedure several times for each toilet paper sample?
2. What factor was being changed (**tested**) in this experiment?
3. What factors were kept the same (**controlled**) for each experimental trial?
4. Why is it important to have the above factors controlled?