

Name: _____ Date: _____ Period: _____

Bell Ringer 2.2-Which paper towel is best?

In this activity you will develop a way to determine which type of paper towel is best. You must be able to test and collect quantitative data to support your ranking. Note: You may or may not perform this experiment however you need to describe what you would do on the worksheet below.

1. **Bell Ringer:** What criterion will you use to determine what paper towel is best?

2. **Bell Ringer:** How will you collect data for each the criterion you have determined to be the best?
 - You may be asked to rank each paper towel based upon your testing so you must be able to support the ranking based on the data you will collect. If you have more than one criterion just choose one for your response below.

3. Create a data table below that you would use to collect the quantitative data from your experimentation.

4. Compare your experimental design to a neighbor. Do you think your ranking would be the same? Why or why not?

5. Write a hypothesis for your experiment:
6. Identify the independent variable in your experiment: _____.
7. Identify the dependent variable in your experiment: _____.
8. List at least 3 constants in your experiment.