

***PART 3***  
***Designing an Experiment to Test Your Hypothesis***

**Materials List:**

The materials list is a list of everything used in the experiment. It is written in an unnumbered, list form. Include the amounts of each item, and brand names when appropriate.

**Procedure:**

The procedure is a numbered, step-by-step set of directions for conducting the experiment. The steps are sequential, easy to follow, and detailed. The procedure includes:

- ❑ What you are manipulating (changing, testing, comparing)
- ❑ What you are measuring
- ❑ What you are using to measure the results
- ❑ How many times the experiment is being repeated or the number of subjects in the experiment – you must have a MINIMUM of five trials
- ❑ A picture or drawing of the experimental set-up or a copy of the survey or questionnaire
- ❑ A statement of the variables and controls

A procedure is NUMBERED:

- 1.
- 2.
- 3.

Do not write the procedure as in a paragraph. Make sure you include the details of what you are doing, how you are doing it, and how many times you do it.

The following are NOT included as steps in your procedure:

1. Gather your materials
2. Make a graph
3. Write a conclusion

You only need to include the steps that are actually part of the experimental design.