

Making Observations Bell Work – Teacher Edition Physical Science

1. A _____ is a procedure that can reduce bias by not letting the subject of the test know which item they are testing
 - a. Sampling
 - b. Conditioned Study
 - c. Survey
 - d. Blind Study

2. Which of the following is NOT one of the eight steps in conducting a scientific investigation?
 - a. Record your opinions and biases
 - b. Identify your variables
 - c. Analyze your data
 - d. Evaluation

3. Name three different ways we can organize our data to visualize how to interpret it.
 - a. Line Graph
 - b. Pie Chart
 - c. Bar Graph

True or False (If it is false explain why)

4. Using an “If, then” conditional statement for our hypothesis helps us define what our experiment will be testing.
 - True

5. A dependent variable is the variable that you can control. You can change it in the experiment on purpose.
 - False