

Independent Investigation

Collecting Data

Name _____

Date _____ Class _____



Prepare to collect your data.

✓ Create a table to collect your data when you conduct your experiment. There are many ways to collect data and the method you choose will depend on the type of experiment and the kind of data that you are collecting.

✓ As a general rule you should have:

1. A way to record the time and date of each measurement or observation.
2. A place to record the results for the independent variable test conditions.
3. A place to record the results for the control variable test condition.
4. A place to make notes or observations about things that you observed .

(Helpful Hint: Each time you measure something it counts as one trial. So when you choose the number of trials you are stating the number of times you are going to measure any change in your dependent variable.)

The following table is an example that may help you. You will need to make changes to it so that it will work for your experiment. In some cases you may not need all of the boxes and in some cases you may need more boxes. Use this design as a guide to make your own table on the back of this paper or on a separate piece of paper.

Trial	Time and date	Independent Variable.	Control variable
1			
2			
3			