

-HOW TO GUIDE- Data Table, Charts/Graphs, & Diagrams

1. DATA TABLE-A data table is a box with columns for the dates and columns for the measuring and written observations you will be documenting (record the information) each day.

A. Hypothesis table-This table should contain the numbers that you are predicting (guessing) and the reasons for your guesses. These predictions should be thought out and based upon some amount of research already completed.

B. Actual results-This table is made up of the actual daily measurements and actual daily observations.

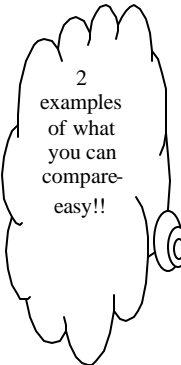
2. CHARTS/GRAPHS-A comparison between 2 pieces of information

(ex. Compare the height of the plant to the # of leaves or compare your hypothesis to the actual findings)

- You will need a data table before you can make a graph/chart
- Make the graph/chart show your point of view; add key components of title (Use the scientific name, if there is one, dates, variable, comparison (of ?)).
- Set scales on axis to emphasis your results (the graph/chart should take up most of the page, so make sure your numbers are spread out). ASK A TEACHER IF YOU DO NOT UNDERSTAND THIS PART.
- One graph/chart should be handmade
- One graph/chart should be computer made
- One graph/chart should have a key

3. DIAGRAMS-A diagram is a picture you draw showing your project. If you have plants, then you draw how they are set up and label with the variable factors (show which one is the control group and which groups have the different variable-such as different amounts of fertilizer).

- Make your drawings neat
- Label everything



2
examples
of what
you can
compare-
easy!!

- Make sure you label the diagram so that the reader understands what your project is trying to show