Header (unit)	Header (unit)

- 1) <u>Vertical.</u> Your data table should have columns at the top and the data should be underneath the columns. The data table should not be horizontal.
- 2) **Boxed in.** Your data table should be contained in a box with the title written on top of the outside.
- 3) <u>Use a ruler to draw your lines</u>. You need to have lines to separate all your sets of data. Try to make your lines straight so your data table looks neat.

Time (weeks)	Height (cm)

4) <u>Label the top each column with the header</u>. You should also have units (if they apply) with your labels. The independent variable should always in the column on the left and the dependent should always be on the right. <u>Do not keep writing the unit of measure in after each number</u>. <u>It should only be in parenthesis after the label in the top of your data table</u>.

## Plant height growth over 5 weeks

Time (weeks)	Height (cm)

5) <u>Title.</u> The title includes both independent variable and dependent variable. The title should be above the data table

## Plant height growth over 5 weeks

Time (weeks)	Height (cm)
1	4
2	11
3	
4	
5	

6) <u>Fill in the data you have for the independent variable before the experiment begins.</u>

As you collect data for your dependent variable during lab put it in correct box. Do not keep writing the unit of measure in after each number. It should only be in parenthesis after the label in the top of your data table.

## Plant height growth over 5 weeks

Time (weeks)	Height (cm)
1	4
2	11
3	15
4	20
5	22

## Tada! Your data table is complete!

Now, we will take the data table we created and turn that into a graph. The graphs we create in science class are different than those created in math class. The rules for making a graph are a little different. Your graph is a picture of your data, you want that picture to be as big and clear as possible so you can easily analyze it and draw conclusions.









