**Lab #1**

Extend a meter stick 90 cm over the edge of a table. Vary the mass and measure the vertical depression (by using masses of 50 g all the way up to 500 g).

* Collect your data however you wish (please show this)
* Then Graph your results (on a separate sheet – hand draw this)
* Conclusion: What is the trend that you are noticing with this graph? Is there a calculation you could make and comment on?
* How would this conclusion be different with different materials?