

Your Name: _____

Your Group Members' Names: _____

Purpose: Design and carry out an experiment to determine the spring constant of a given spring.

Procedure: *These steps should be clear and repeatable by another experimenter. Write these steps in the same way you would write a recipe. Every necessary detail should be included to make the experiment repeatable.*

- *Step 1:*

Data: *Use this space to record and organize any measurements you made and data you collected. Tables and graphs are helpful ways of organizing and communicating data.*

Calculations & Results: *Include in this space any necessary calculations and results based on your data. These results may be recorded in the tables along with your data but calculations and steps should be clear, organized, and include units.*

Conclusion: *State or restate the significant results of your experiment (i.e. the value of the spring constant) and what you concluded in light of the purpose or hypothesis of the experiment. Also include a discussion of any error in your experiment.*