**Experimental Design Lab Report**

**Problem or Question:** 2 points

**Hypothesis:** 2points

If…………then………

**Procedure:** 5pts

Detailed enough so that anyone else would be able to repeat your experiment following your procedure.

**Data:** 5 points

Make sure it is all labeled and clear. Create a table to show heart rate.

Include data from your resting heart rate so there is something to compare your experimental results to.

**Analysis:** 10points

1. Write in paragraph form what your data shows—be thorough and clear.

2. Compare your experimental and control data

3. Were there any errors or outliers in your data? If so explain? Human error etc.

**Conclusion:** 2 points

One statement referring back to your hypothesis. Restate it and tell whether hypothesis was supported or not supported. This is short and sweet.

**Summary Paragraph**: 10points

1. Explain the purpose of this experiment

2. Research what “should’ve happened” with your experiment and explain that and whether or not your data makes sense and actually was accurate.

3. State what you learned from the experiment