

Experiment Log

1. Independent Variable: _____

What function do you want to observe/compare?

2. Dependent Variable: 1. _____

2. _____

What will be measured to quantify what is observed? If it cannot be measured or quantified, it can't be a dependent variable. Quantify, a number is needed for statistical analysis.

3. Method: Specify measurement procedure and sketch/describe the setup for this experiment.

	Dependent Variable(s)	Measure/Quantify	
		Unit	Instrument
1			
2			
3			

4. Data Collection:

Dependent Variable(s)			
	1	2	3
Trial 1			
Trial 2			
Trial 3			

5. Results: Report the summary data (i.e., average, t-test, etc.)

6. Conclusions: What decision(s) will be made based on these results.

Name/Group: _____

Date: _____