Cover	page: PH 220 Simple Pendulum Investigation	NAME:
		Partners:
Each p Use the Your w <b>Eviden</b> Integra	ctions: over page should be the first page, with your report attached after that erson must write their own report, which must be <u>word processed</u> . e section headings: <b>1. Question, 2. Method, 3. Analysis, and 4. Discussion</b> ork will also be assessed based on critical thinking skills: ce: base your conclusions on the experimental evidence <u>you</u> found. etion: combine information from different parts of the experiment logication: Draw rational conclusions based on your experiment.	n.
Gradin	g Rubric: (Leave this for your instructor to fill in)	
1.	<b>Question</b> . State the hypothesis equations you are investigating. Discumplication which are the independent variables, which are the dependent variables good idea. Based on the hypothesis equations, explain what quantities and how you will identify which hypothesis best fits the data. Providing not familiar with the experiment can understand what you are interest paragraph, in full sentences.	oles? A clear, labelled diagram is a s will go on the axes for each graph, e enough detail so that someone
2.	<b>Method</b> . Discuss details of each measurement in the experiment. Men care. Discuss how many significant digits can be justified for each me took are the <u>evidence</u> upon which you draw your conclusions. Provide reliable they are.	asurement. The measurements you le a critical discussion of how
		/5pts
3.	<b>Analysis</b> . Show the table with your measured quantities, and write a lincluded in each column. Show the graphs you have made to test you whether the experimental data follows a linear trend, and thus wheth hypothesis. If this is the case, extract the values of the constants and quality standards are met for tables and graphs. Correct use of units a <b>Refer to the handout from the first graphing lab</b> to review details of he experimental results. <u>Integrate</u> the information you found from your form a logical sequence.	r hypotheses. For each, discuss ner it is consistent with the report them clearly. Make sure and significant figures is expected. ow graphs are used to find
		/5pts
4.	<b>Discussion</b> . Discuss whether your data is consistent with, or in conflict equations. Give quantitative conclusions. Justify your claims by refer the experiment. Evaluate your results critically. This should include a experiment and how you might change things in future.	encing the evidence you found in discussion of weaknesses in your
		/5pts

Use full sentences and clear language throughout. A person that was not in the lab ought to be able to read your report and understand reasonably well what you did.