Name:	Date:	Period:
Complete the following definitions and questions to the best of a better understanding of how much you know about this voc		This will help me get
Define each of the following terms:		
Hypothesis <mark>: is a possible, testable answer to a scientific ques scientists observe in nature.</mark>	tion or explan	ation of what
Independent Variable: the variable that is being manipulated thing that is changed in an experiment.	<mark>by the experir</mark>	nenter. It is the one
Dependent Variable: the variable that is being measured to dindependent variable.	etermine the o	effect of the
Control: the standard for comparison or normal.		
Constant: factors that are kept the same between the control	group and ex	perimental group.
Bias: Making a judgement based on prior knowledge.		
Scenario: In environmental science class students wanted to fertilizer for grass to grow. They set up of five square contained they put 10kg of soil in each one. They placed the containers to get the same amount of sunlight. They gave them all the same container A they did not add fertilizer. All other containers recamounts: Container B (recommended .1g), Container C (.15g (.3g). Students recorded their results for 3 weeks.	ers that were in a location ame amount c ceived fertilize	the same size and that would allow them of water each day. For ers in the following
Identify the Dependent Variable: <u>Growth of the grass</u>		
Identify the Independent Variable: <u>Amount of fertilizer</u>		
Control Group: <u>Container A</u>		
Constants: square containers, 10kg of soil, location, sunlight, wate	er, time	



Write a possible hypothesis for this scenario: The grass growth will be increase given the optimal amount of fertilizer because plant require the nutrients provided by the fertilizer.

