I	C	Names:)1)2
		Date of lab:	- ·	3
SNC1I)	Lab Design: Factors	Affecting Plant Growth	
You w	lab, you vill be wor		certain factors can affect the growth of plants. ach group will design an experiment to determine	ne
Available Materials Soil Sand Seeds Tap water 			 Acids of varying strength Bases of varying strength Plastic bottles Masking tape 	
	Possible Independent Variables (What might affect plant growth?)		Possible Dependent Variables (What are different ways you can measure plant growth?)	

□ 05□ 06

□ 07 □ 08

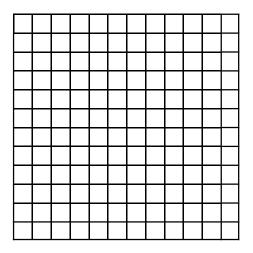
С

Question: What is the effect of	(choose 1 inc	dependent variable) on the
	(choose 1 dependent variable).
Hypothesis/Prediction: An increase of	(your chosen i	ndependent variable) will cause
an [increase/decrease/no chang variable).	ge] on	(your chosen dependent
Chosen Independent Variable	Chosen Dependent Variable	All Controlled Variables

Procedure Draw a flowchart to show your procedure in the space below. Make sure you account for all the control variables. Label any diagrams and BE SPECIFIC!	Materials list List all the materials that your procedure requires.
	Safety Procedures: List all the safety hazards that may be relevant in this lab.

Data

Table



Conclusion

Answer the question. Does your data support or refute your hypothesis?

Error

Name two sources of error in this lab. How could you improve it?