Name:Scientific Method HW							Period: Date:					
xperi	ment 1:		h =	haink*	uoro place	nd in the c	ama sizo no:	ts in tho				
given t	he same	amoun	t of wate	er. Each	plant was	under a li	ame size po	the same	e intensity	as the othe	ers but	
left in	darkness	of a diffe for 12 h	erent co nours. T	lor. Eacl he heigh	n day, the nt of each	plants we plant was	re given ligh measured i	n centim	eters at the	e end of ea	ich week	
for 10	weeks.				<u> </u>	W	eek Numbe	r	-7-			
Light	Color	1	2	3	4	5	6	7_	8	9	10	
Yellow	1	4	5	6	7	8	9	10	11	12	13	
Green		4	4	4	3	3	2	2	1	0	0	
Blue		4	4	4	5	5	5	5	6	6	6	
Purple		4	4	5	5	6	6	7	7	8	8	
Red		4	5	6	7	8	9	10	11	12	15	
b) c)	An inc	Write a hypothesis for this experiment. *Be sure to write the hypothesis in the proper "If, then" format. If plants are given green light, then they will grow the least because plants reflect green light. An independent variable is the variable that is changed or manipulated by the scientist. What is the Independent Variable? Different color light A dependent variable is the variable being tested and measured in a scientific experiment. What is the Dependent Variable? Height of plant										
e)	S	Same height plants, Same size pots, same soil type, same amount of water, same intensity, 12 hours light/12 ho										
†)	No , A lightbulb (white light)										zackness	
g)	Write	Write a conclusion for this experiment. Plants with yellow and green light grew the tallest.										
	D	and	aiv	200	areen	light	- arew	the	POST			

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