



MATERIALS PAGE

You will only have access to the following materials.

- 1) For each bolded words and underline if it is a control and circle if it is a changing variable Ex Control: <u>Bottle Size</u>, Ex Changing Variable Plant Type
- 2) For variables that are controls, choose 1 value.
- 3) For the variable that is the changing variable, choose 4 values and write the trial letter (A, B, C, D) next to each value. Ex: Plant 1 1 A

Bottle Size: You may only have 4 bottles. Put the number of bottles you would like next to each bottle size. All numbers should add up to four.

Bottle Sizes	Number of Bottles
Small	
Medium (Max 1)	
Large (Max 1)	
XLarge (Max 1)	

Plant Type: Put the number of plants you would like next to each plant type.

☐ Check here if no plants will be in your bottles

Aquatic Plants	Number of Plants
Plant 1 (original)	
Plant 2	
Plant 3	
Plant 4 (Max 1)	
You may only select if you are receiving the other 3 plants	

Non-Aquatic Plants	Number of Plants
Tree Leaf 1	
Tree Leaf 2	
Flower 1 (Max 1)	
Flower 2 (Max 1)	

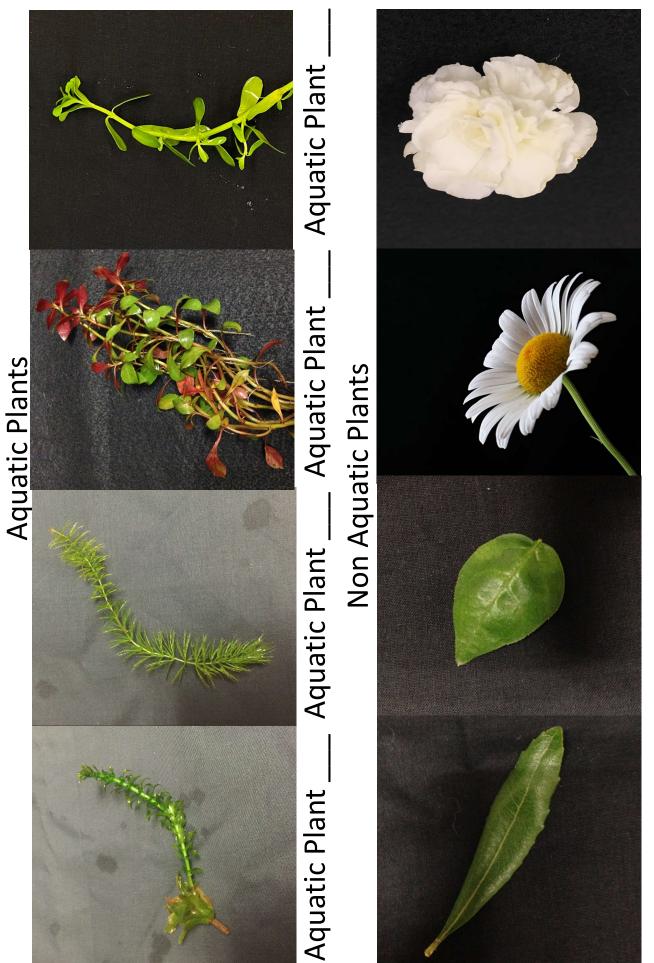
Light Amount: Mark the boxes of the light amount(s) you will use.

☐ Level 5 (Full Light)	☐ Level 4	☐ Level 3
☐ Level 2	☐ Level 1	☐ Level o (No Light)

Animal Type: You may have up to 4 animals.

☐ Check here if no animals will be in your bottles

Animal Types	Number of Animals
Snail	
Fish	
Shrimp	
Frog	



Tree Leaf 1

Tree Leaf 2

Flower 1 (colors vary)

Flower 2

QUESTIONIf we change the ball temperature what will happen to the height the ball bounces?

	EXPERIMEN	EXPERIMENTAL SET-UP		
Changing Variable:	Trial A	Trial B	Trial C	Trial D
Ball Temperature:	30 °C	40 °C	50 °C	J, 09
Controls (variables you will hold	hold constant):			
Ball Material / Rubber	e	Ball Circumfe	Ball Circumference / 88 cm	
Release Height / 3 m		Ground	Ground Type / Cement	
Ball Mass / 623 g		Ball Re	Ball Release / Drop	

NOTES ON PRESENTATIONS

What variables affect the color of the solution?

Subgroup 1				
Changing Variable:				
Color of the Solution:				
Summary:				
Subgroup 2				- 19
Changing Variable:				
Color of the Solution:				
Summary:				
Subgroup 3				
Changing Variable:				
Color of the Solution:				
Summary:				
Subgroup 4				
Changing Variable:				
Color of the Solution:				
Summary:				

Subgroup 5		
Changing Variable:		
colds. seed		
Color of the Solution:		
Summary:		
		vie.
•		<u></u>
Subgroup 6		
Changing Variable:		
Color of the Solution:		
_		
Summary:		