Peculiar Problems

Name:_____

Part 1: Teacher Demonstration

What I Saw....	
...my teacher use:	
...my teacher do:	
...happen	

Part 2: It's My Turn!

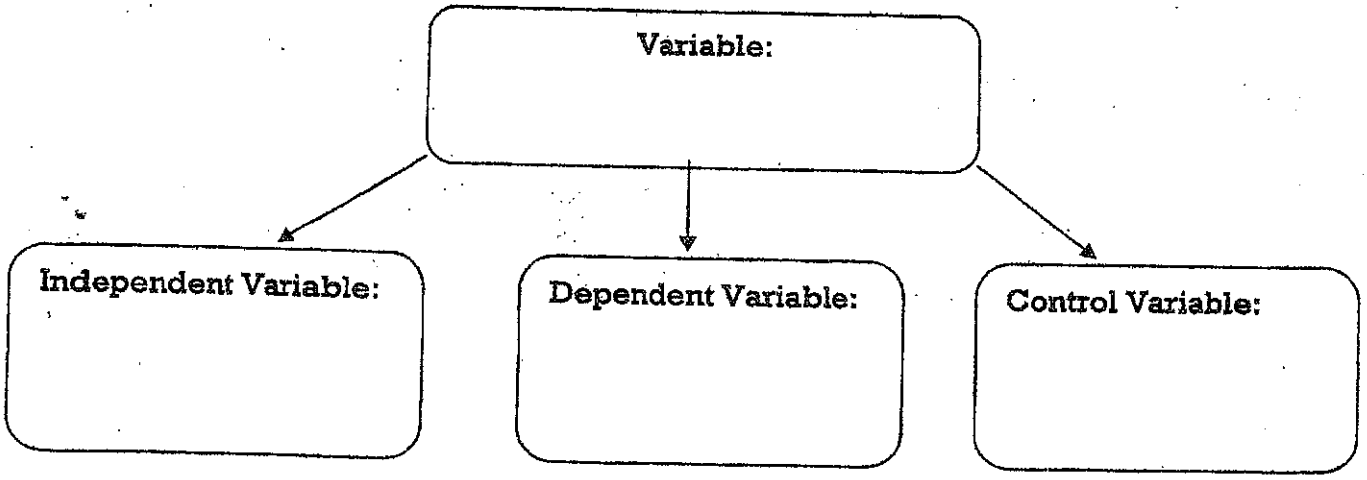
Based on what I just saw, I am wondering:

1. What if
2. What if
3. What if
4. What if

Part 3: What would I be measuring?

Question #	If I change....	I would measure/observe....
1.		
2.		
3.		
4.		

Part 4: Learning more about changes and variables:



Part 5: Identifying Variables: Underline the Independent Variable and **circle** the Dependent variable. Also, write in at least one control variable for each experiment.

1. What is the effect of temperature on the height a tennis ball bounces?
2. How does the brand of soap affect the size of the soap bubbles?
3. How does use of antibacterial soap affect the number of germs left on a surface?
4. What is the effect of bridge design on the ability to hold weights?
5. What is the effect of light on the amount mold growing on bread?

Part 6: Writing Problems Appropriately:

*In science, a **problem** is:

*There are two ways to write a **problem** properly. They are:

What is the effect of the _____ on the _____?

Or

How does the _____affect the _____?

*Rewrite your "what if" questions from part 2 into the correct format in the space below: