Name: _____

LAB: VARIABLES (Student Data Sheet)

**At each station there will be instructions on how to do each lab. **

STATION #1: DANCING RAISINS

Hypothesis:__If_____**then**_____
_____**because**_____
_____

Amount of Baking Soda	Time it Takes for the Raisins to Stop 'Dancing' (min:sec)
¼ teaspoon	
½ teaspoon	

Independent Variable_____

Dependent Variable_____

Control(s)_____

Conclusion_____

STATION #2: DROPS ON A PENNY

Hypothesis:__If_____**then**_____
_____**because**_____
_____

Type of Liquid	Number of Drops

Independent Variable_____

Dependent Variable_____

Control(s)_____

Conclusion_____

STATION #3: DOES COLOR AFFECT TEMPERATURE?

Hypothesis:__If_____**then**_____
_____**because**_____
_____

Color	Temperature (degrees celcius)				
	0:00sec	**0:30sec**	**1:00min**	**1:30min**	**2:00mins**
Red					
Black					
White					
Yellow					

Independent Variable_____

Dependent Variable_____

Control(s)_____

Conclusion_____

STATION #4: POP ROCKS AND SODA

Hypothesis:__If_____**then**_____
_____**because**_____
_____

Amount of Pop Rocks	Beginning Temp. (degrees celcius)	Final Temp. (degrees celcius)	Change in Temp. (Final Temp-Beginning Temp)
¼ teaspoon			
½ teaspoon			
1 teaspoon			

Independent Variable_____

Dependent Variable_____

Control(s)_____

Conclusion_____