

Student Worksheets

Name:		Date:
Experiment:		
OBSERVATIONS	Setup #1	Setup #2
Draw Set-up		
Action (What did the teacher do?)		
Results (What happened?)		

VARIABLES (Different)	Setup #1	Setup #2

CONSTANTS (Same)	

Experiment Design

Student Test for Variable # ____

What will you test?

HYPOTHESIS:
If _____ is the important variable,
then changing _____
will affect _____.

Setup #1	Setup #2

Predictions: Based on the *teacher demonstration*, if this is the important variable, what should happen?

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Results: Based on *your* experiment, what did happen?

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Do your predictions match your results?

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Is this the important variable? _____

Experiment Design	
Student Test for Variable # ____	
What will you test?	
HYPOTHESIS:	
If _____ is the important variable, then changing _____ will affect _____.	
Setup #1	Setup #2
Predictions: Based on the <i>teacher demonstration</i> , if this is the important variable, what should happen?	
Results: Based on <i>your</i> experiment, what did happen?	
Do your predictions match your results?	

Is this the important variable? _____

Experiment Design	
Student Test for Variable # ____	
What will you test?	
HYPOTHESIS:	
If _____ is the important variable, then changing _____ will affect _____.	
Setup #1	Setup #2
Predictions: Based on the <i>teacher demonstration</i> , if this is the important variable, what should happen?	
Results: Based on <i>your</i> experiment, what did happen?	
Do your predictions match your results?	

Is this the important variable? _____