



FAIR TEST VARIABLES RECORDING TEMPLATE



Name: _____ Date: _____ Class: _____

Investigation / Question: _____

1 WHAT ARE YOU TESTING?

The factor I will change (independent variable):

EXAMPLE



Change:
Water temperature



Measure:
Time for sugar to dissolve

2 WHAT WILL YOU KEEP THE SAME? (Controlled variables)



Keeping these the same makes it a **fair test**.

Factor to keep the same

How I will keep it the same

Why it needs to be the same

3 WHAT WILL YOU MEASURE? (Dependent variable)

The factor I will measure (dependent variable):

EXAMPLE

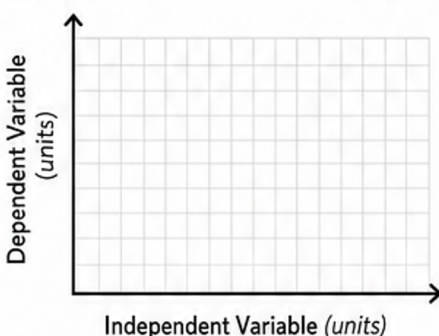


Measure:
Time for sugar to dissolve

4 RECORD YOUR RESULTS

Independent Variable (What you changed) _____ (units)	Dependent Variable (What you measured) _____ (units)				Observations (What you noticed)
	Trial 1	Trial 2	Trial 3	Average	

5 GRAPH YOUR RESULTS



Choose the best graph to show your results.

- Bar chart
 Line graph
 Other: _____

6 INTERPRET YOUR RESULTS



What did you find out?



What does this mean?



What could you change next time?

