



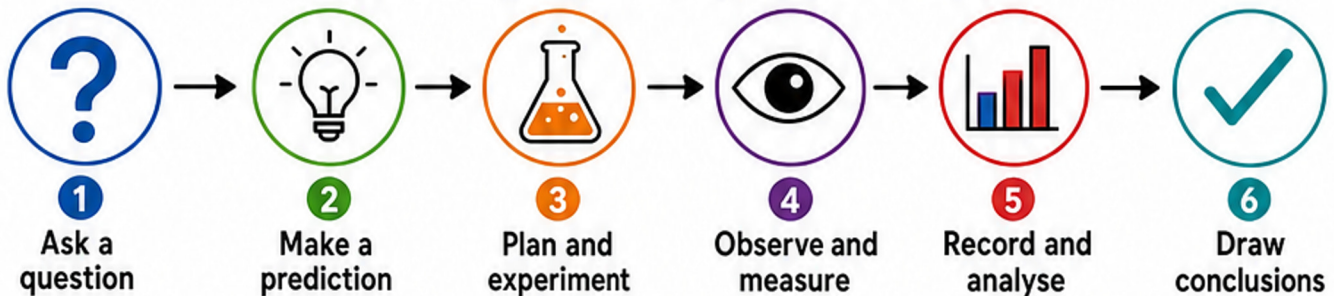
FAIR TEST VARIABLES








REFERENCE POSTER

A fair test changes **ONE** thing at a time and keeps everything else the same.





THE SCIENCE ENQUIRY PROCESS



THE VARIABLES IN A FAIR TEST

VARIABLE	WHAT IT MEANS	WHAT YOU DO	EXAMPLE
INDEPENDENT VARIABLE (Changed)	The one thing you change on purpose.	 Change ONE value each time.	Amount of sunlight (1 hour, 2 hours, 3 hours) 
DEPENDENT VARIABLE (Measured)	What you measure or observe.	 Measure it the same way every time.	Height of plant (in cm) 
CONTROLLED VARIABLES (Kept the same)	Everything else that could affect the result.	 Keep these the same in every test.	Examples: <ul style="list-style-type: none"> • Type of plant • Amount of water • Soil type • Pot size • Temperature

FAIR TEST CHECKLIST

- I am only changing **ONE** independent variable. 
- I am measuring the dependent variable in the **same way** each time. 
- I am keeping all other variables the **same**. 
- I am **repeating** my test and recording my results. 
- I am using my results to draw a **conclusion**. 