



Electricity Investigation

I can plan an investigation to understand variations in how components function.



Practical Enquiry

Key Words:

bulb, cell, battery, buzzer, wire, length, function, components, variation

Question: Does wire length affect how components in a circuit work?

Prediction: _____

Equipment: Tick the equipment you will need

bulb

battery

buzzer

switch

wires (short)

wires (long)

Method:



Lined writing area for notes.



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I can plan an investigation to understand variations in how components function.



Fair and Comparative Test

Key Words

bulb, cell, battery, buzzer, wire, length, function, components, variation

Question: Does wire length affect how components in a circuit work?

Prediction: _____

What will you change? _____

What will you measure? _____

What variables will you control (keep the same)? _____

Equipment: Tick the equipment you will need.

☐

bulb

☐

battery

☐

buzzer

☐

switch

☐

wires (short)

☐

wires (long)

Method:

[illegible]