

Working Scientifically Skills

Enquiry Types



Explaining Science

Making Conclusions



Research



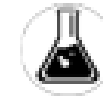
Classify



Problem Solving



Finding patterns



Fair testing

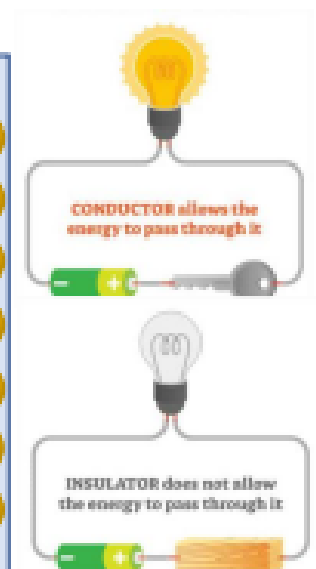
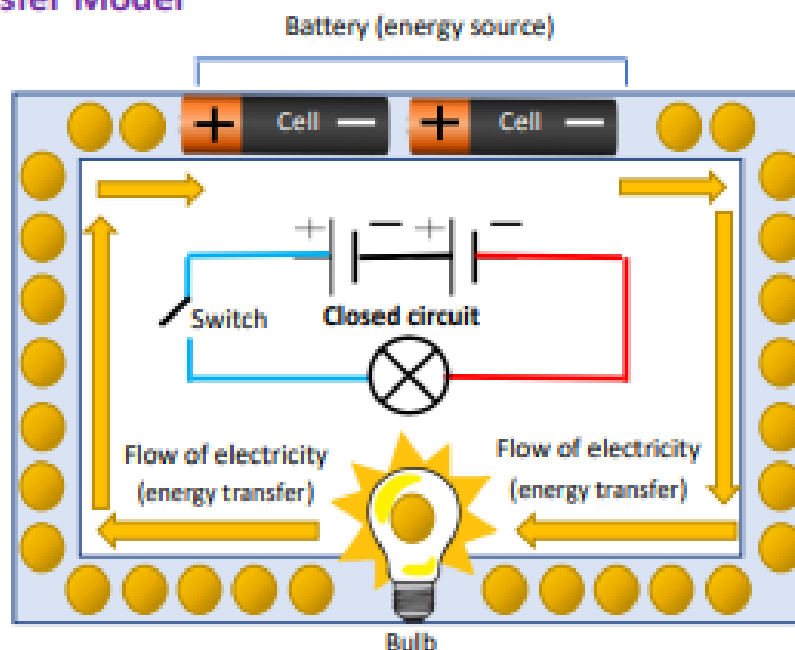
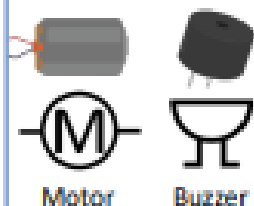
Key Knowledge

- Construct a range of electrical circuits. Draw and name components.
- Know that a switch opens (disconnects) and closes (connects) a circuit.
- Know a range of electrical conductors and insulators.

Energy Transfer Model

Electrical energy **transfers** around the circuit to make components work.

A **switch** connects (closed) or breaks (open) the circuit. This controls the flow of electrical energy to turn the circuit on or off.



Key Words pattern trend link relationship conclusion

electricity	cell	wire	bulb
circuit	transfer	connect	component
source	flow	switch	power
energy	buzzer	open	conductor
battery	motor	closed	insulator