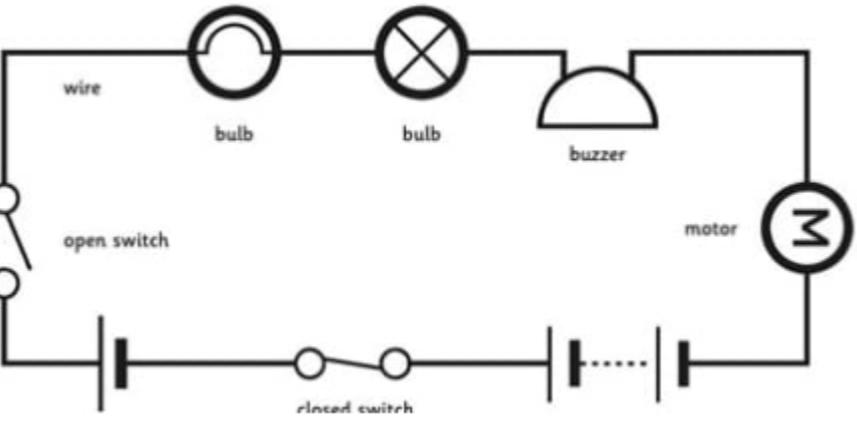


Physics-Electricity

Subject Specific Vocabulary		Associated Diagram	Sticky Knowledge
Electrical circuit	A path which electricity can flow round.		
Open circuit	A circuit in which the path is interrupted meaning the electricity will not flow the whole way round. This stops certain components from working.	Label the symbols in this circuit.	How does the voltage of a battery affect the brightness of a bulb and the volume of a buzzer? Why?
Closed circuit	A circuit in which the path is not interrupted meaning the electricity will flow the whole way round. This means all components should work.		The bulb will be brighter and the buzzer louder if the voltage is higher because there is more electricity in the battery.
Current	A flow of electricity.		
Voltage	The 'push' of electricity. How powerful the electricity is. It's measured in volts.		
Component	Part of a circuit.		
Function	The job of a component.		How does having a different number of bulbs in a circuit affect the brightness of the bulb?
Motor	A machine that supplies power through movement.		The more bulbs, the dimmer the light bulbs due to the electricity being 'shared' amongst the bulbs.
Cell	Something which generates electricity (one part of a battery).		
Battery	More than one cell.		
Symbol	Represents a part of a circuit.		
Diagram	A simplified drawing using symbols.		