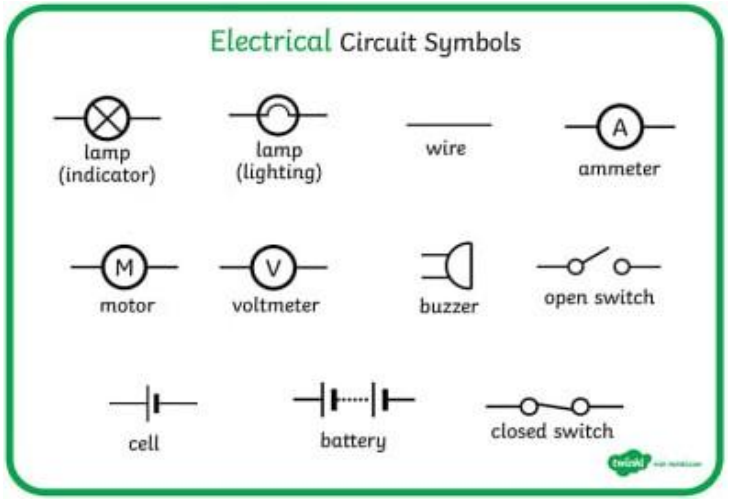
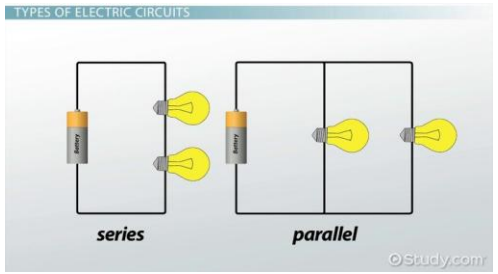
Electricity

Key vocabulary	
circuit	a closed loop for electricity to travel around
component	a part used in an electrical circuit
electricity	a form of energy caused by electrons moving
cell (battery)	a stored source of electricity
switch	a switch turns an electrical circuit on or off by completing or breaking the circuit
conductor	an object that allows electricity to flow through it easily (objects made of metal are good conductors)
insulator	an object that does not allow electricity to flow through it easily
circuit symbols	see diagram
voltage	a force that makes electricity flow through a wire (it is measured in volts)
motor	a machine that turns electrical energy into movement

Facts
We use scientific symbols to represent the components (parts) of a circuit.
The brightness of a bulb or the loudness of a buzzer is affected by the number of cells in a circuit.
The brightness of a bulb or the loudness of a buzzer is affected by the voltage of cells in a circuit.
The number of components in a circuit can affect how they function.
The arrangement of components in a circuit can affect how they function.
The length of wires in a circuit can affect how the components function.







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