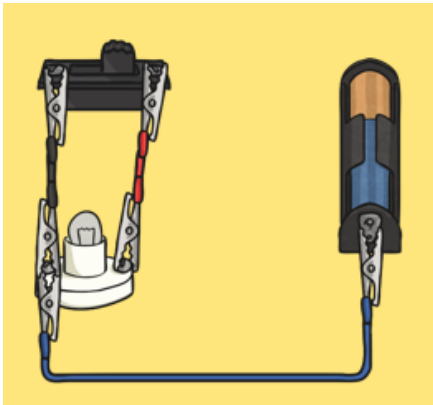
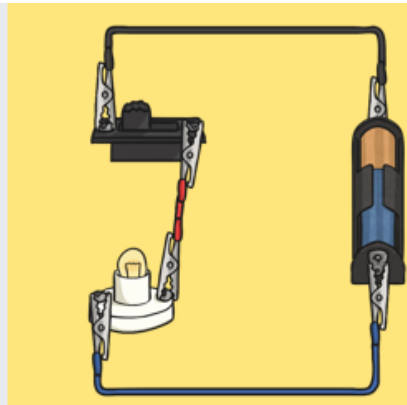


Physics - Electricity

Subject Specific Vocabulary		Associated Diagram	Sticky Knowledge
Electricity	Electricity is the presence and flow of electric charge (electrons) in one direction.	 	Name three appliances that run on electricity.
current	Current is the flow of an electric charge .		Washing machine, toaster, dishwasher, kettle etc.
circuit	A circuit is a complete path around which electricity can flow. It must include a source of electricity, such as a battery.		Name an example of a material or object which conducts electricity. Metal objects (fork, coin).
appliance	A piece of equipment that performs a particular job.		Name an example of a material or object which is an electrical insulator. Wood, plastic cotton, paper.
switch	A switch is something that changes the flow of an electrical circuit.	Dangers = baby near wire, frayed/damaged wire, knife in toaster, hob left on, radio near sink	List the components that would typically be used for a circuit. Bulb, battery,/cell, wire, switch, buzzer
conductor	A conductor is a material which electricity can flow through.		Use scientific vocabulary to explain what a switch does in an electric circuit.
insulator	A material that does not let electricity travel through it easily is known as an insulator .		A switch changes the flow of electrical current. It can be used to stop the flow of the current.
component	The parts that make an electrical circuit		
cell	An electrical cell is a device used to generate electricity .		
battery	A battery is one or more cells , connected.		