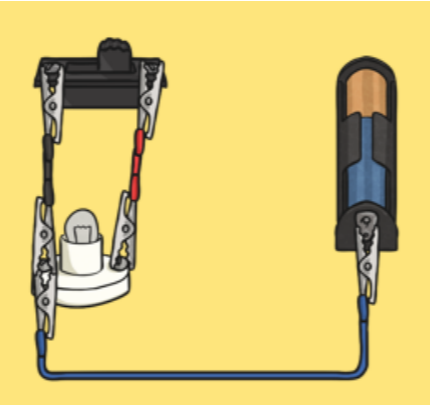
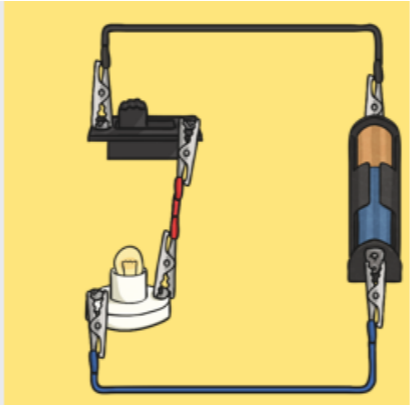



Physics - Electricity

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 .		
circuit	A circuit is a complete path around which electricity can flow. It must include a source of electricity, such as a battery.	Incomplete circuit	Name an example of a material or object which conducts electricity.
appliance	A piece of equipment that performs a particular job.	complete circuit	Metal objects (fork, coin).
switch	A switch is something that changes the flow of an electrical circuit.		Name an example of a material or object which is an electrical insulator.
conductor	A conductor is a material which electricity can flow through.		Wood, plastic cotton, paper.
insulator	A material that does not let electricity travel through it easily is known as an insulator .		List the components that would typically be used for a circuit.
component	The parts that make an electrical circuit		Bulb, battery, /cell, wire, switch, buzzer
cell	An electrical cell is a device used to generate electricity .		Use scientific vocabulary to explain what a switch does in an electric circuit.
battery	A battery is one or more cells , connected.	A switch changes the flow of electrical current. It can be used to stop the flow of the current.	

Dangers = baby near wire, frayed/damaged wire, knife in toaster, hob left on, radio near sink