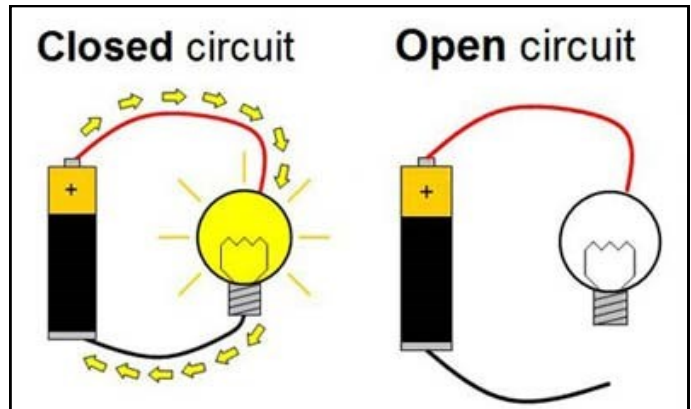
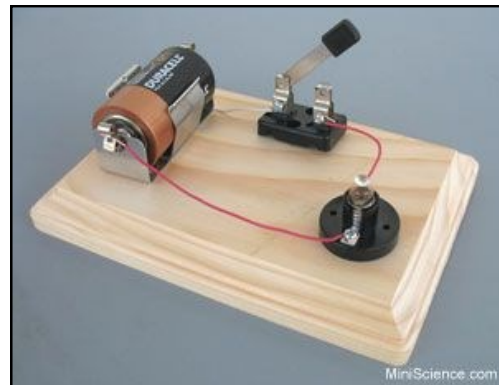




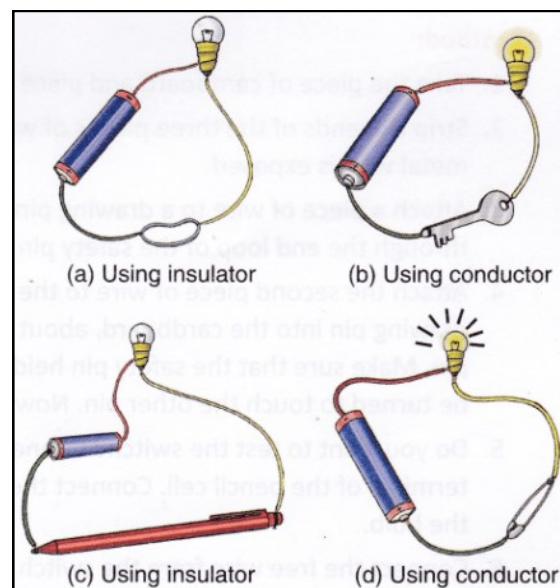
Vocabulary		
Word	Picture	Definition
components		The parts that are used to create a circuit.
battery		More than one cell.
cell		A single unit which stores chemical energy and gives out electrical
bulb		Gives out light when electricity passes through it
buzzer		Makes a sound when electricity passes through it
switch		Opens and closes a circuit to turn things on and off
wire		A long thin piece of metal to carry electric current
circuit		A loop which allows electrical current to flow round it
appliance		A machine which needs energy to make it work
Current		The flow of electricity through a wire or circuit
electricity		A form of energy that can be carried by wires to provide power.
Positive		A cell is made up of positive and negative parts. A wire needs to be connected to each end for electrical energy to flow.
Negative		
conductor		A material that allows heat or electricity to flow through it
insulator		A material that does not allow electricity or heat to flow through it



When a **circuit** makes a **complete** loop, the **electricity** flows. When the **circuit** is **open** it does not make a complete loop so **no electricity** flows.



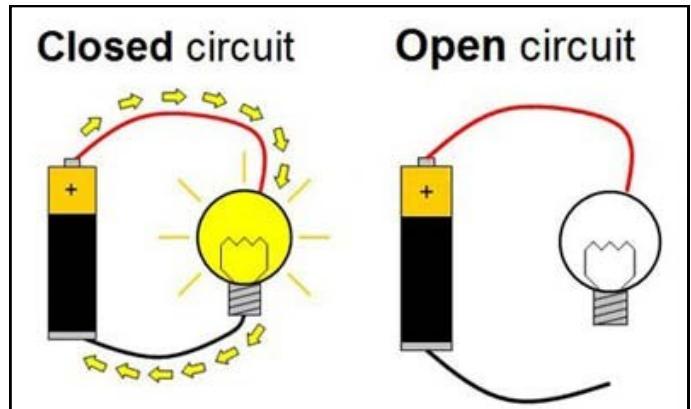
A **switch** can be put into a **circuit** to turn the flow of electricity on and off. When the **switch** is **closed**, it **completes** the circuit and when it is **open**, the circuit is **incomplete**.



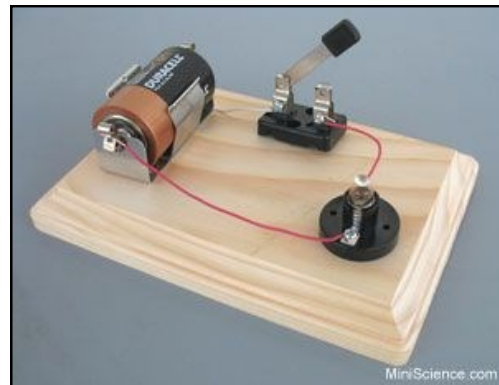
Electrical insulators do not allow electricity to pass through them easily. **Electrical conductors** do allow electricity to pass through them: **metal is a good conductor**.



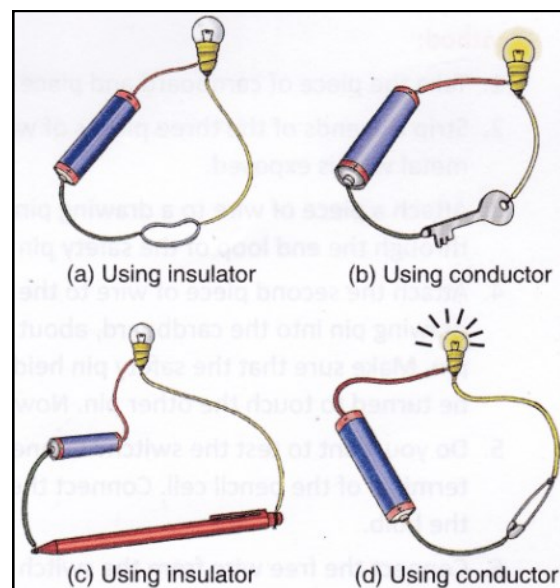
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