
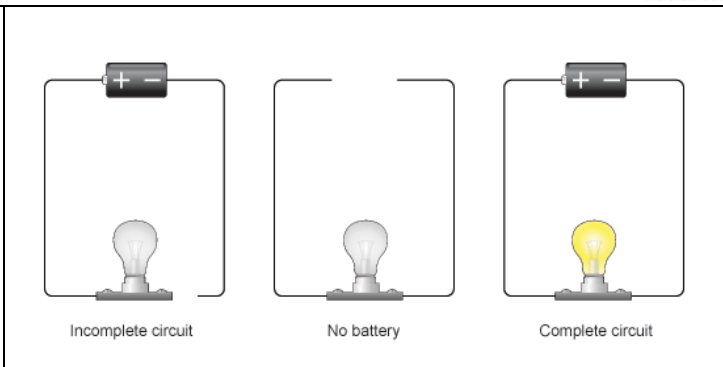


Common appliances that use electricity.

What should I already know?

- Electricity is a form of energy that can be carried by wires and is used for heating and lighting, and to provide power for devices.
- Sources of light and sound may need electricity to work.

What will I know at the end of the unit?

- I can identify common appliances that run on electricity.
- I can identify electrical hazards.
- I can construct a simple series electrical circuit, identifying and naming its basic parts.
- I can recognise that a switch opens and closes a circuit and if a circuit is complete or incomplete.
- I can recognise some common conductors and insulators.
- I can make a switch using my knowledge of conductive materials and make a complete circuit

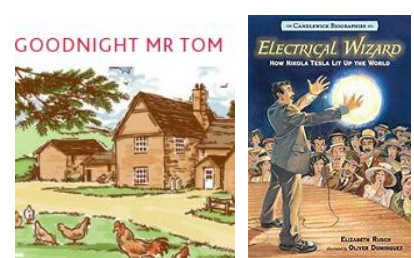
Knowledge Vocabulary

circuits
current
appliance
component – battery (cell), wires, bulb, motor, switch, buzzer.
electrical
complete- incomplete
fuel
insulator
conductor

Working Scientific Vocabulary

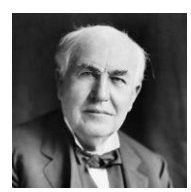
sort - classify
compare - similarities - differences
observe
gather
record
suggest
investigate
variable

Recommended Reads



Inventor/ Scientist

Thomas Edison



First Working Lightbulb

Suggested Investigations

Research: How do we keep safe when using electricity?
Identify and classifying: How would you group these electrical devices based on where the electricity comes from?
Pattern Seeking: Which metal is the best conductor of electricity?
Comparative: What would it be like to do not have electricity?