

# Physics - Electricity



label



Explain



describe



observe



categorise



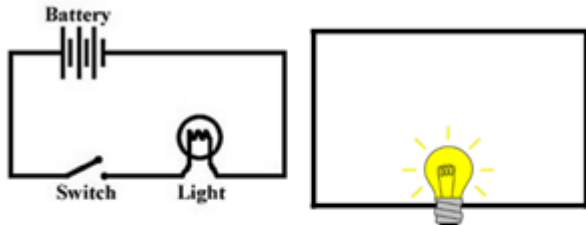
construct



Electricity

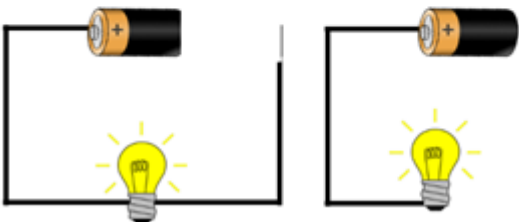


## Diagrams



These are complete circuits - they have a **battery (cell)** and a **component (bulb)**.

The wires are placed in the right places of the **battery** for the **circuit** to work.



These circuits will not work as they are incomplete.

• Common appliances that use electricity.



## Key Vocabulary

**Appliance**- a device or piece of equipment that has been made to perform.

**Battery**- a small item used to power small appliances.

**Circuit**- a route through which electricity flows.

**Components**- the parts of a circuit.

**Electrical**- something that uses electricity to work.

**Mains power**- electricity provided by power stations.

**Portable**- can be easily carried around.

**Pylon**- a tower used for keeping electricity wires above ground.

**Buzzer** - an electrical device that makes a buzzing sound

**Bulb** - an electrical device that lights up

**Motor** - a device that makes movement  
**Switch** - a component that can turn the electrical device on or off.

**Cell** - a device used to generate electricity, a battery is an example of this.  
**Electrons** - carry energy around the circuit

**Electrical Conductor** - a material/device which allows electricity to pass through

**Electrical Insulator** - a material/device which does not allow

Insulators	Conductors
fabric	tin foil
plastic	can
paper	tin
string	steel spoon
wood	penny

