

**Topic Vocabulary**

- environment - our surroundings*
- landfill - an area of land filled with rubbish*
- disposal - to get rid of something*
- reduce - to use a smaller amount*
- recycle - to use things again*

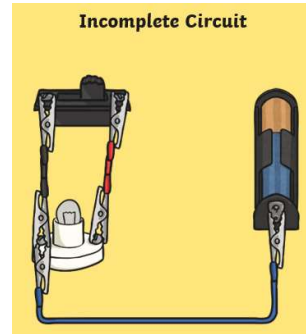
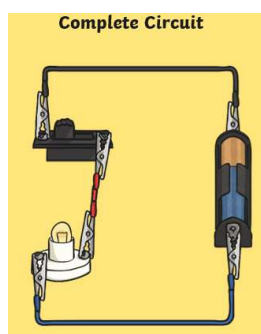
**Science Vocabulary**

- electricity - a type of power*
- appliance - a piece of equipment e.g. dishwasher*
- mains - electricity that comes into your home from the grid*
- nuclear - power made with chemicals*
- pylon - a tower used to support wires carrying electricity*
- current - the flow of electricity*
- cell - used to convert energy into electricity*
- charge - to store energy in a battery*
- circuit - an unbroken path of electricity*
- flow - the movement of electricity*

**Key Knowledge**



*Key Text*  
**Stig of the Dump**  
 By Clive King



Current electricity is the flow of electrical charge through materials. Every complete circuit must have a power supply. The power supply could be the mains, or it could be a battery. For a circuit to be complete, there must be wires connected to both the positive and negative ends of the power supply. Electricity can only flow around a complete circuit that has no gaps.

The rubbish that we throw away gets thrown into landfill sites. This rubbish creates poisons and methane.



The rubbish that we send to be recycled gets sent to other countries.

Plastic takes thousands of years to break down.

Fossil fuels are limited and will run out which is why we need to develop renewable energy sources.

Plastics are destroying our oceans and killing our wildlife.

