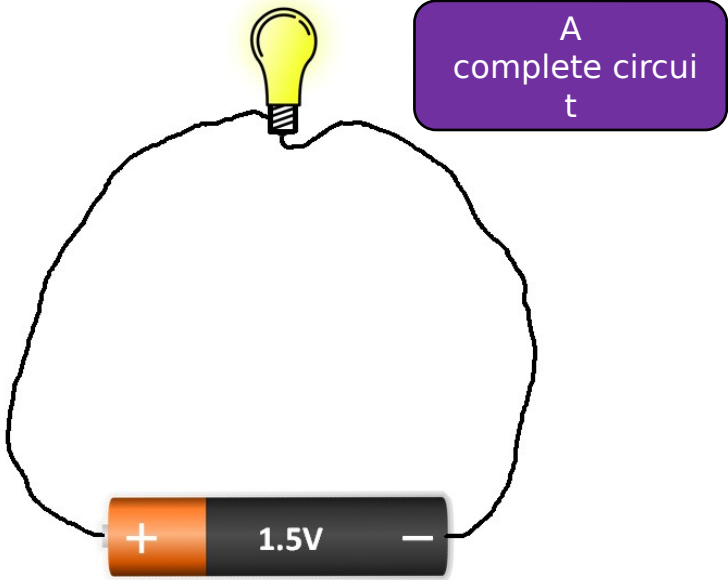


Key Vocabulary	
Key Word	Definition
Electrical appliance	Devices and appliance that need electricity to work in your home.
Mains	Is the electricity delivered to your homes through an electric grid. In the UK this is called the National Grid.
Component	Cell , battery, wire, bulb, switch, buzzer, Motor,
Short circuit	a short circuit is an electrical fault. The electric chooses a shorter route.
Positive and negative	A flow of electricity moves from the positive pole to the negative pole of the battery. The flow is pushed by the battery.
insulator	Materials that do not allow electricity to pass through them
conductor	Materials which allow electricity to flow through them.
A complete circuit	A circuit is a complete path around which electricity can flow

Science Electricity



A complete circuit

Simple Circuit Symbols



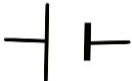
open switch



lamp / bulb



closed switch



cell / battery

Learning Sequence

Less on 1

What is electricity?
How can I keep myself safe?

Less on 2

How is electricity transported?

Less on 3

What are the basic parts of a circuit?

Less on 4

What will happen to the lamp if there is a break in the circuit?
(Switch)

Less on 5

What materials are electrical conductors and which are insulators?

Less on 6

Assessment Task:
Identify problems in circuits.