



Key Vocabulary

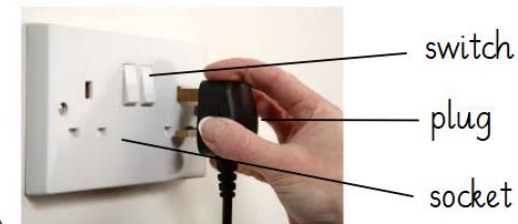
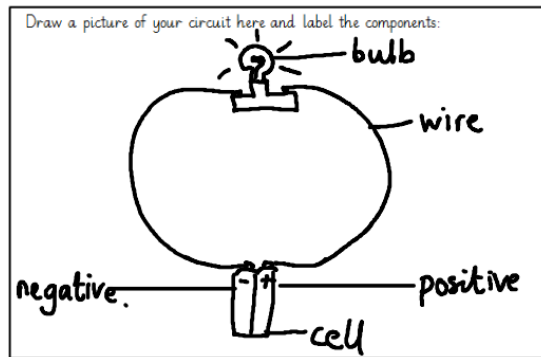
electricity a form of energy that is sometimes carried through wires.

mains electricity electricity that is fed into homes through power lines and cables

batteries a store of electricity used for items that cannot be plugged into mains electricity easily

circuit a path around which electricity can flow. It must include a source of electricity

electric appliance and device items which need electricity to work e.g. fridge



Physics

Science Y2: Electricity

Key Diagrams and Knowledge

Recognise that items use electricity.

Some items use batteries, some use mains power and some use both.

Electricity can only flow when a circuit is complete.

Electricity can be dangerous and needs to be used safely.

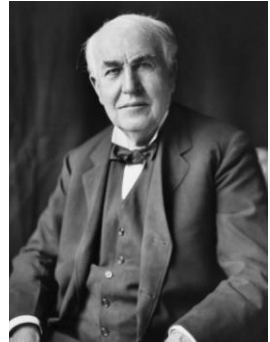
Electricity can come from power stations, wind turbines, solar panels, water powers and batteries.

Electricity can create heat, light, movement and sound.

Scientists

Thomas Edison
(1847-1931)

An American inventor had numerous inventions, such as the motion picture camera and the long-lasting, practical lightbulb



Links to prior learning and next steps:

Computing – programmable robots (YR)

Computing – Beebot (Y1)

Electricity – science and Design and Technology (Y4)

Links to other subjects:

Art – drawing of an electrical circuit and poster about safety

Maths – Venn diagrams