

Design Technology - Year 6

Spring Term – Electrical components

Science links:

Electricity is an energy. This energy can be used to power electrical items (Y4)

Electricity can only travel if there is a complete circuit (Y4)

A complete circuit is made up of different components -batteries (or cell), wires and bulbs, buzzers and motors (Y4)

Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers
Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery (Y4)

Recognise that a switch opens and

DT links

An electric switch is used to control the flow of an electric current (Y4)

If the switch is allowing the current to flow, the electric item will be on (Y4)

If it is not allowing it to flow, the electric item will be off (Y4)

To make a switch, we need to use



English links:

