

What do you know? Science Electricity



Year 1
Year 2
Year 3
Year 4
I identify and name appliances that require electricity to function.
I construct a series circuit.
I identify and name the components in a series circuit (including cells, wires, bulbs, switches and buzzers).
I know how to draw a circuit diagram.
I predict and test whether a lamp will light within a circuit.
I know the function of a switch in a circuit.
I know the difference between a conductor and an insulator; giving examples of each.
Year 5
Year 6
I know how the number and voltage of cells in a circuit links to the brightness of a lamp or the volume of a buzzer.
I compare and give reasons for why components work and do not work in a circuit.
I draw circuit diagrams using correct symbols.