

## In the circuit



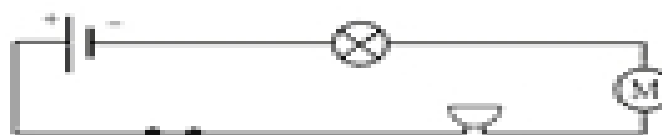
### Background knowledge

Electricity always flows in a circuit from the negative pole of a battery to its positive pole. The flow of electricity creates an electric current. Electrical circuits can be represented by special diagrams. There is a symbol for each electrical component in a circuit.



### Science activity

Look at the circuit diagram shown below.



Label each of the five components shown in the circuit.

Complete the following sentences about the circuit shown above.

The electric current leaves the battery and passes through the \_\_\_\_\_.

It then travels through the \_\_\_\_\_, next through the \_\_\_\_\_,

and finally passes through the \_\_\_\_\_ before returning to the battery.

### Science investigation

Create a model of a parallel circuit that contains two bulbs, one motor, and one battery. You might draw the symbols on 3x5 cards and then arrange them into the circuit. Connect the circuit with wires.

