

Physics - Key Stage 3  
Electricity and Magnetism

# Electric Motors

(Downloadable student document)

Mr Humphries



# Independent Task

Label the diagram

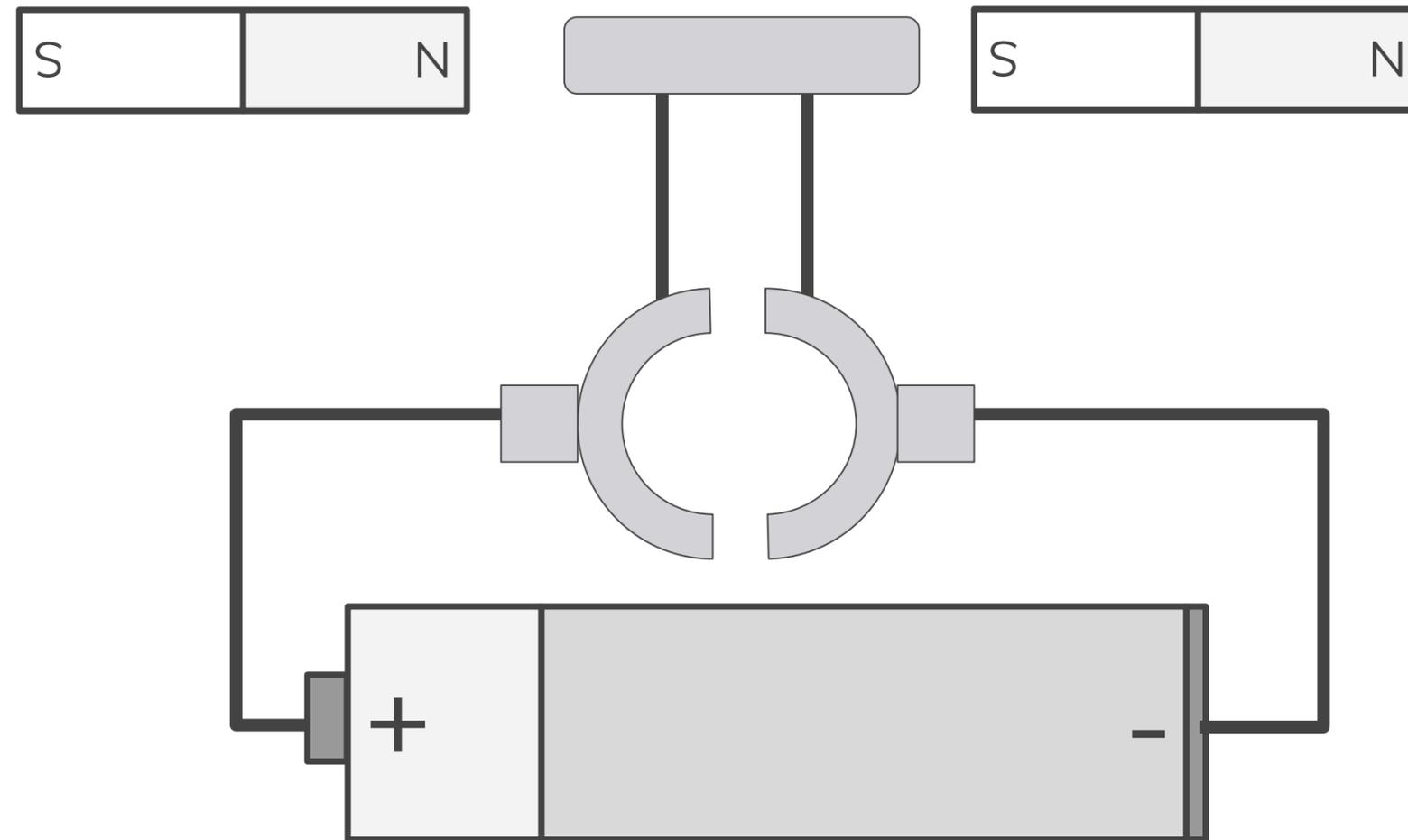


Image created by R Humphries



# Independent Task

## Complete the sentences

\_\_\_\_\_ magnets always have a magnetic field.

\_\_\_\_\_ flows through the wire and creates a magnetic field.

The two magnetic fields interact and create a \_\_\_\_\_.

The force makes the \_\_\_\_\_ rotate.

This is called the \_\_\_\_\_ effect.



# Independent Task

**Give two ways to increase the speed of an electromagnet (2)**

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