

Physics - Key Stage 3  
Electricity and Magnetism

# Magnetism Review

(Downloadable student document)

Mr Humphries



# Independent Task

**Complete the sentences.**

Two like poles \_\_\_\_\_.

Two unlike poles \_\_\_\_\_.

Magnetism is a \_\_\_\_\_ force

## Word Bank

Non-contact

Attract

Repel



# Independent Task

Draw the magnetic field lines around the magnet.



## Tips

Magnetic field lines run from **north** to **south**

Remember to add the **direction** of the field

Image created by R Humphries



# Independent Task

## Answer the questions

1. Give three things we can do to increase the strength of an electromagnet
  - Add an **iron core**
  - **Increase** the number of **coils**
  - **Increase** the **current**

