

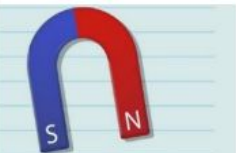


Strands

To know whether materials are magnetic or not and explain why.

To know, compare and group materials based on whether they are magnetic or not and explain why.

Different types of magnet:



U-shaped magnet



Bar magnet



Ring magnet



Horseshoe magnet

Key knowledge that will be learnt

- Some forces need contact between surfaces (like friction) some don't (like magnetism)!
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- Some metals are magnetic, things that are not metals are not magnetic.

Magnetism:

- 1 south pole and 1 north pole will attract
- 1 south pole and another south pole will repel
- 1 north pole and another north pole will repel



Key Vocabulary:

magnet	A metal that attracts other pieces of metal towards it
magnetic	Whether an object can be pushed or pulled by a magnet
pole	The two ends of a magnet, called the North Pole and South Pole
attract	The force of pulling an object towards something
repel	The force that pushes an object away from an object