



What is a force?

A force is something which changes the direction, speed or shape of an object. Forces can be pushes or pulls.



Pull

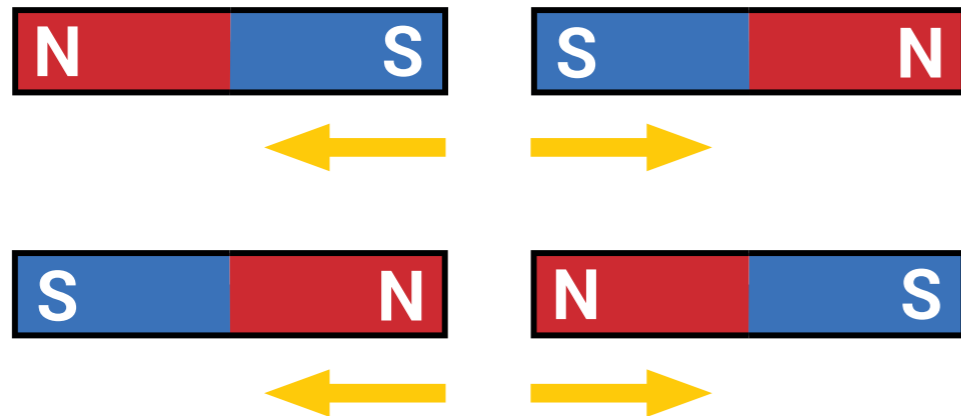
Push

What is a magnet?

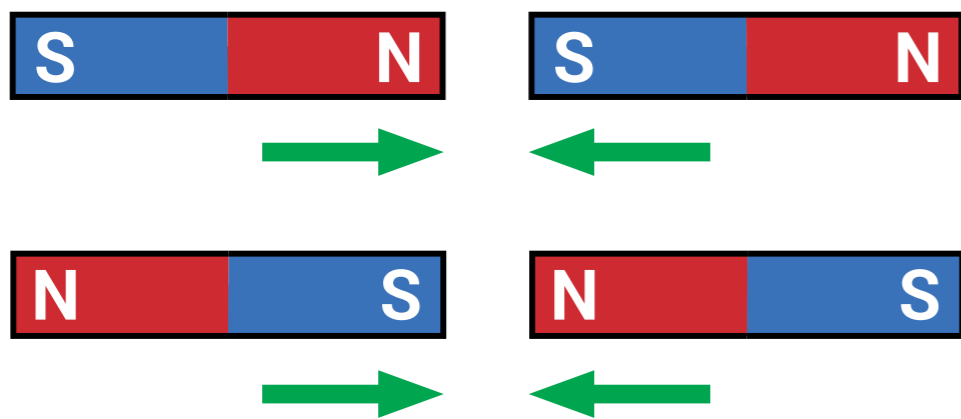
A magnet is an object that has a magnetic field (which is invisible). A magnet has a north pole and a south pole.



How do magnets behave towards each other?



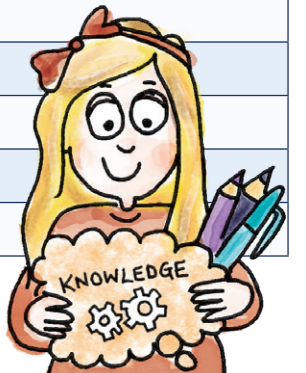
Like poles of magnets will repel each other.



Opposite poles of magnets will attract each other.

Glossary

1	force	something which changes the direction or speed
2	push	a type of force
3	pull	a type of force
4	gravity	a force which pulls objects down to the Earth
5	friction	a pushing force when objects rub against each other
6	distance	the space between two points
7	magnet	an object that can attract magnetic objects
8	lodestone	a naturally magnetic rock
9	south pole	one point on the surface of a magnet
10	north pole	the opposite point on the surface of a magnet
11	attract	a force which pulls towards
12	repel	a force which pushes away
13	magnetic	something which is attracted to a magnet
14	iron	a magnetic metal
15	steel	a magnetic metal
16	alloy	a metal mixture containing more than one metal
17	magnetic field	the area around a magnet which is magnetic
18	magnetised	able to act like a magnet
19	compass	a device using a magnetised point to show direction
20	investigate	to carry out research to find an answer



Which materials are magnetic?

Magnetic materials can be magnetic but not all metals are magnetic. Two examples of magnetic metals are iron and steel. Two examples of non-magnetic metals are gold and silver.

Iron Nails	Steel Paperclips	Gold and Silver Jewellery