



Somerset Bridge Primary School
Aspire - Brave - Care - Collaborate

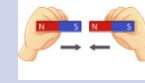
Science - Year 3

Forces and Magnets

Key Vocabulary

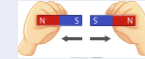


attract



When something is pulled towards another object.

repel



When something is pushed away from the other object.

magnetic



Materials which are magnetic are attracted to magnets.

contact



When things are touching each other, there is contact between them.

strength



The strength of a magnet is how much magnetic force it creates.

Magnets



Magnets have a north and south pole.

Magnetic forces act between things that are not touching. It is a non-contact force.

Magnets can attract and repel each other.

bar magnet



ring magnet



horseshoe magnet



button magnet



Forces



Forces are pushes and pulls.



Friction is a force that affects things that are in contact with each other.



It slows down moving objects.



We can measure the effect of friction by using a stopwatch to find out how quickly things move on different surfaces.



Links To Real Life

Friction slows down vehicles when they brake.



Compasses use magnetic forces to point North



Magnets are useful to keep a fridge door shut.



Magnetic metals:

Iron



Nickel



Cobalt



Some metals are not attracted to magnets:

Gold



Copper



Non-Metals are not magnetic:

Wood



Plastic



Glass

