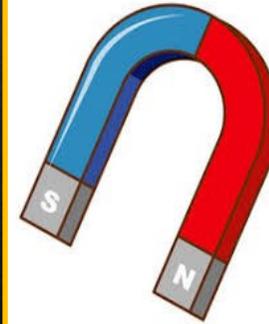
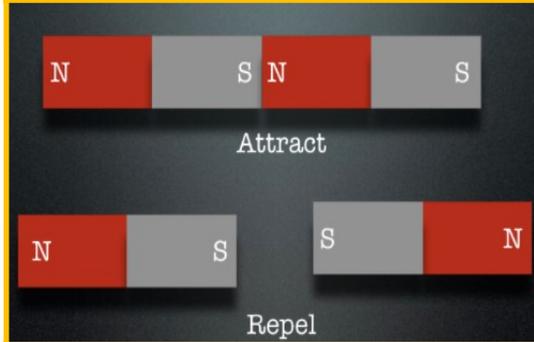


Glossary

Attract	To pull or draw things together
Force	A push or pull that can make an object speed up, slow down or change direction.
Friction	A force that is created when two surfaces rub together. It makes things slow down and warm up.
Magnetic	Acting as a magnet, attracting iron and steel objects.
Magnetic Pole	The north or south pole of a magnet,
Magnetism	Being able to attract iron and steel
Metal	A solid material that conducts heat and electricity and that is usually hard, strong and shiny.
Motion	The action of moving or being moved.
Pull	A force that moves something towards a person, animal or object. The harder the pull, the further it goes and the
Push	A force that moves something away from a person, animal or object. The harder the push the further it does and
Repel	A force that acts between two objects,

All magnets have two **magnetic poles**. One is known as the North and the other the South.



A magnet is a material or object that produces an invisible magnetic field. A magnetic field causes the **force of magnetism** that pulls on magnetic materials and **attracts** or **repels** other magnets.

Two south or two north poles will **repel** each other when placed together. However, a north and south pole will **attract** to each other when placed together.



It is also important to look at how objects move across different surfaces. **Friction** is the **force** between two surfaces moving across each other. It acts in the opposite direction to **motion** and always slows down a moving object. Normally, *smooth surfaces* have less **friction** than *rough surfaces*.

A **force** is a **push** or a **pull**. Forces cannot be seen, but it is possible to see what forces can do. Some forces are contact forces. This is where objects must be touching each other to apply a force. Non-contact forces, such as gravity and **magnetism**, act between two objects that are not touching each other.

