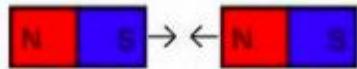


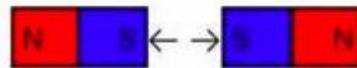


Key Vocabulary

- Accelerate** Begin to move quickly
- Decelerate** Begin to slow down
- Attract** To pull towards
- Repel** To push apart
- Magnetism** A force caused by an electric charge which attracts or repulses magnetic objects
- Mechanism** A system of parts working together
- Material** The matter from which something is made
- Properties** The way a material looks, feels or what it can do
- Spring** A coil that goes back to its original shape after being compressed



Opposite poles attract

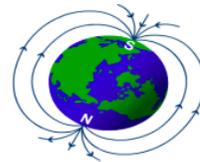


Same poles repel



5 Facts

- I know magnets can attract and repel.
- I know my grandparents played with different toys to me.
- I know some materials that are magnetic – most metals.
- I know how to make a wooden car frame – measure and cut accurately, cardboard corners for strength, axels and wheels.
- I know how to evaluate my car – purpose and appearance.



Magnetic poles



Toys

Kingfishers: Magnetic toys



Magnets attract things made of iron.

Magnets do not attract copper or aluminium.

MAGNETS and springs

magnetic north pole south pole
metal
compress
squashed
upwards force
downwards force
energy
stretched
push pull force