Key vocabulary	
force	A force is a push or a pull
magnetic	An invisible force that attracts
force	magnetic metals.
magnet	Magnets attract magnetic materials.
	Iron, nickel, cobalt and materials that
	contain these (e.g. stainless steel) are
	magnetic.
attract	To pull towards.
repel	To push away.
poles	Magnets have two poles, a north
	pole and a south pole.
Friction	The resistance of one surface or
	object rubbing against another.

### Objects moving on surfaces:



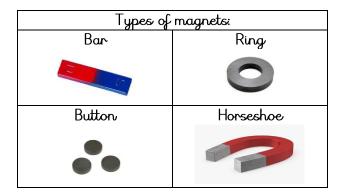
Ice skates have a sharp blade. This helps them move better on ice.

It is much harder to walk on ice in trainers.

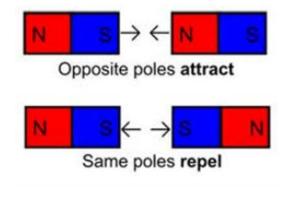
A bowling green is closely mown so the grass is short and the balls roll easily.



# Forces and magnets Year 3



## Magnets have two poles



## Some uses of magnets

- Magnets are used in magnetic compass, doorbells, fridge doors.
- Magnets are used in speakers, microphones etc.
- Magnets are used in computers.
- Magnets are used in toys to give a magic effect.

## A magnet attracts magnetic materials.



## We can sort and classify materials as:





A magnet does not need to touch an object to attract it.