

# Forces and Magnets

Vocabulary	Meaning
Magnet	A <b>magnet</b> is an object that has a <b>magnetic</b> field (an invisible pattern of magnetism). A <b>magnet</b> attracts or repels other items.
Repel	To push away (the opposite to attract).
Attract	To pull towards (opposite of repel).
Force	A push, pull, twist or turn.
Surface	The top layer of something
Friction	Friction is a force between two surfaces.
Magnetic	Objects that are attracted to a magnet.

## Sticky Knowledge:

Smooth surfaces create less friction such as a polished surface.

Rough surfaces create more friction such as a carpet. Magnets have two poles these are North and South. Not all materials are magnetic. Some objects that are magnetic are: fridge magnets, paper clips and chair legs.

Magnetism is an invisible force. You cannot see it but you know it's there.

Friction works in the opposite direction to which the object is moving. It slows down the moving object.

Different surfaces create different amounts of friction.

