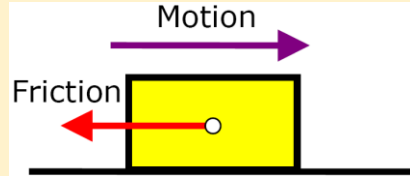


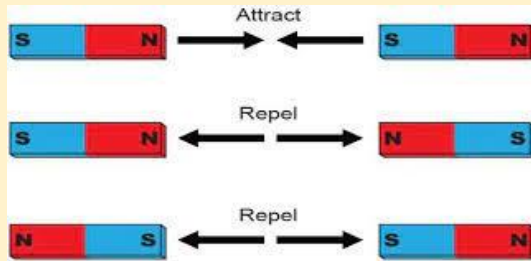
Friction always slows a moving object down.



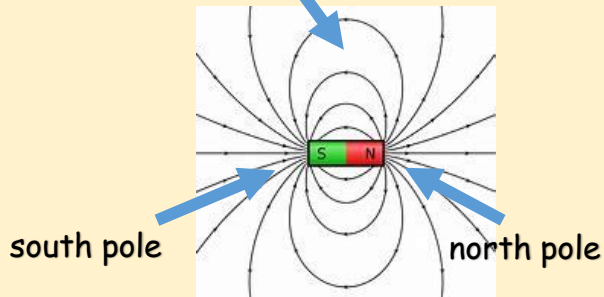
Friction is the force which acts in the direction opposite to the motion.

Why do some materials attract others?

Magnets produce an area of magnetic force called a magnetic field.



magnetic field



Key Vocabulary	Definition	Start of the topic	End of the topic
Force	A push or a pull.		
Gravity	Holds the planets in orbit around the Sun and pulls objects downwards towards a planet surface		
Friction	A force which tries to slow two surfaces rubbing together. Makes surfaces hot.		
Magnet	A material that produces a magnetic field.		
Attract	To pull together.		
Repel	To push away.		
Magnetic force	A force between magnets.		
Magnetic pole	Where the magnetic field is strongest.		
Contact force	A force where objects need to touch each other to push or pull.		
Non-contact force	A force where objects do not have to touch each other to push or pull.		

Magnetic materials



Iron

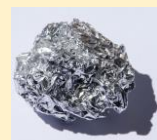


Cobalt



Nickle

Non-magnetic materials



Aluminium



Gold



Copper