Y3 Science Knowledge Organiser - Forces and Magnets

Vocabulary—Firces

Contact Force	A push or pull that affects objects that are touching
Friction	A contact force that is caused by one object being pushed across the surface of another
Smooth	An even surface
Rough	Au uneven surface
Magnet	An object that pulls a magnetic material
Magnetic	Describes a material that can be pulled by a magnet
Magnetic force	A non-contact force caused by a magnet
Iron	A metal that is magnetic
Aluminium	A material that is not magnetic
Steel	A material that is magnetic







poles – the two ends of a magnet, known as the north pole (N) and south pole (S)



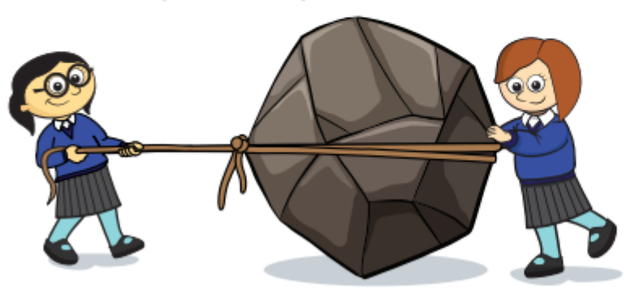
- **push** – to apply a force to try and move an object away



- **pull** – to apply a force to try and move an object closer



- **force** – a push or pull



Magnets

attract – a magnetic force that pulls



repel – a magnetic force that pushes two magnets apart

