



Physics-forces and magnets



Subject Specific Vocabulary		Associated Diagram	Sticky Knowledge
Forces	Causes physical action or movement	<p>Label the space between each or these magnets to show if they would attract or repel each other.</p>	<p>Name a metal that is magnetic. E.G. Iron, nickel and cobalt.</p>
Friction	Force caused by two surfaces rubbing together		<p>Which surface would cause more friction and why? A smooth wooden floor or a bumpy gravel road. The gravel road would cause more friction because it is a bumpy surface.</p>
Surface	The top of something		<p>Give an example of a time when each of these forces are used: Push - Pull - Friction -</p>
Magnet	Pulls something magnetic towards it	<p>Which force is being shown within these pictures? pull</p>	<p>Give an example of when a force needs contact. Opening a door</p>
Magnetic	Is attracted to a magnet		<p>Give an example of when a force doesn't need contact. Magnetism / gravity</p>
Magnetic field	Caused by a magnet invisible force that can attract (or repel) certain materials		
Poles	The ends of a magnet. North and South		
Repel	Pushing away (e.g. same poles)		
Attract	Pulling closer (e.g. opposite poles)		