

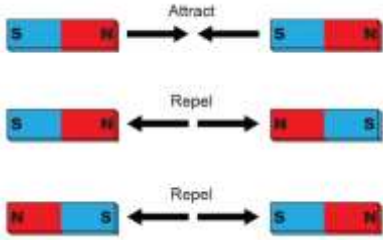


Forton's Fundamental Facts – Science



Topic – Forces		Summer 2 – Forces (Year 3 & 4)	
<u>Enquiry -</u>		<u>Key Vocabulary</u>	
Which materials are magnetic and non-magnetic? What might affect how things move on different types of surfaces?		Forces	Pushes or pulls.
<u>Investigation -</u>		Friction	A force that acts between two surfaces or objects that are moving or trying to move across each other.
		Surface	The top layer of something.
<u>Focus Scientist – Isaac Newton</u>	<u>Diagram</u>	Magnet	An object which produces a magnetic force that pulls certain objects towards it.
	<p><i>push and pull are opposite forces</i></p>  	Magnetic	Objects which are attracted to a magnet are magnetic. Objects containing iron, nickel or cobalt metals are magnetic.
		Magnetic field	The area around a magnet where there is a magnetic force which will pull magnetic objects towards the magnet.
		Poles	North and South poles are found at different ends of a magnet.
		Repel	Repulsion is a force that pushes objects away. For example, when a north pole is placed near the north pole of another magnet, the two repel (push away from each other).
		Attract	Attraction is a force that pulls objects together. For example, when a north pole is placed near the south pole of another magnet, the poles attract (pull together).

