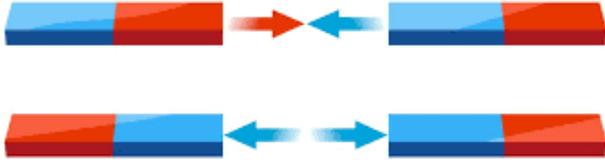
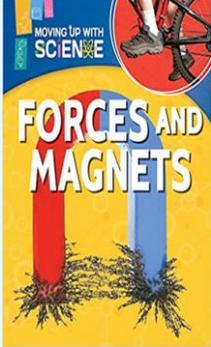
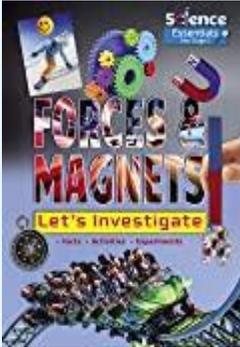


Year Group 3: SCIENCE - FORCES

Subject Specific Vocabulary		Memorable Image	Exciting Books
<b>force</b>	The pulling or pushing effect that something has on something else.		 
<b>push</b>	To use force to make something move away from you or away from its previous position.		
<b>pull</b>	To hold something firmly and use force in order to move it towards you or away from its previous position.		
		<b>Sticky Assessment Knowledge</b>	
<b>direction</b>	The general line that someone or something is moving or pointing in.	<input type="checkbox"/> I can explain what is meant by the words magnetic and non-magnetic.	<p><b>Useful Websites</b></p> <p>Dkfindout.com  <a href="https://www.dkfindout.com/uk/science/forces-and-motion/what-is-force/">https://www.dkfindout.com/uk/science/forces-and-motion/what-is-force/</a></p> <p>BBC Bitesize  <a href="https://www.bbc.co.uk/bitesize/topics/znmmn39">https://www.bbc.co.uk/bitesize/topics/znmmn39</a></p>
<b>magnet</b>	A piece of iron or other material which attracts iron towards it.	<input type="checkbox"/> I understand the scientific meaning of the words attract and repel.	
<b>compass</b>	An instrument you use for finding directions. It has a dial and a magnetic needle that always points to the north.		
<b>magnetic</b>	If something metal is magnetic, it acts like a magnet.	<input type="checkbox"/> I understand that magnetic forces can act at a distance.	
<b>attract</b>	If one object attracts to another, it causes the second object to move towards it.	<input type="checkbox"/> I can describe a number of different shaped magnets.	
<b>repel</b>	When a magnetic pole repels another magnetic pole, it gives out a force that pushes the other pole away.	<input type="checkbox"/> I know some ways in which magnets are used and can suggest other ways in which they may be used.	
<b>Magnetic field</b>	An area around a magnet, or something functioning as a magnet, in which the magnet's power to attract things is felt.	<input type="checkbox"/> I can ask relevant questions about magnets and use a scientific enquiry to answer them.	
<b>Magnetic poles</b>	The earth's poles are the two opposite ends of its axis, it's most northern and southern points.		
			<p><b>Misconceptions and Facts</b></p> <ul style="list-style-type: none"> <li>• Not all metals are magnetic.</li> <li>• Magnetic fields by themselves are invisible to the human eye.</li> </ul>