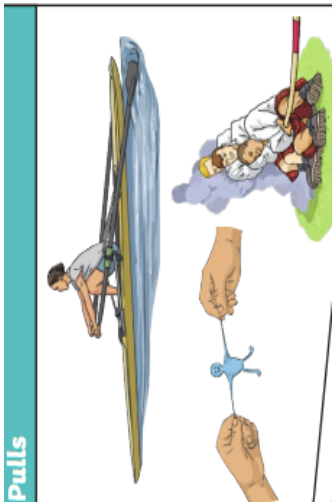
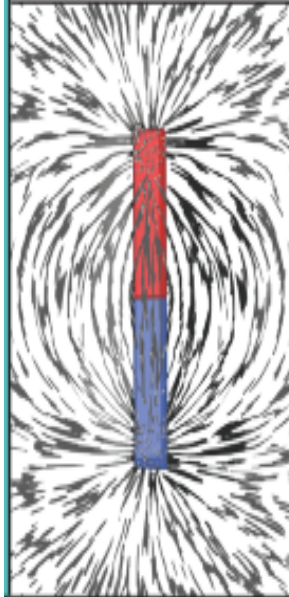
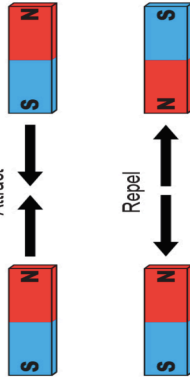


Year 3: Forces and Magnets Learning Organiser

Subject Specific Vocabulary		Pushes and Pulls		Magnets and the magnetic field			
force	A force is a push or a pull.	<div><div>Pushes</div><div>Pulls</div></div>		 <p>A magnetic field is invisible. You can see the magnetic field here though. This is what happens when iron filings are placed on top of a piece of paper with a magnet underneath.</p>			
magnet	An object that produces an invisible force .						
magnetic force	An invisible force that attracts objects towards it.						
attract	This is a force that pulls objects towards it.						
repel	This is a force that pushes objects away from it						
magnetic material	A material that can produce a magnetic field. Most magnetic materials will normally contain a type of metal.	<p>Magnetic materials are often made from nickel, cobalt or iron. However, not all materials are magnetic.</p> <div></div> <p>Non magnetic materials do not have cobalt, nickel or iron in them. Some examples are...</p> <div></div>					
non-magnetic material	A material that does not produce a magnetic force.	<p>Like poles will repel each other while opposite poles attract.</p> <div></div>					
poles	The two ends of a magnet are called the North and South pole.	<p>A compass needle is a magnet. A compass needle will always point to the Earth's north and south pole.</p> 					