
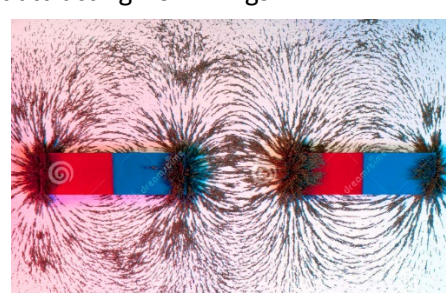




Prior Learning: Force is a strength or energy as an attribute of physical action or movement

P.O.S – Forces and magnets

Concept – physics – energy transfer and forces

Facts	Vocabulary
<p>1. Objects on different surfaces:</p> <p>a) Friction is the contact force between two objects moving against each other; the kind of surface that objects have affects how objects move against each other.</p> <p>b) Gravity is the force that pulls objects down slopes or makes them fall.</p> <p>c) A force can slow down or speed up an object.</p>	<p>1. Magnet - from Latin magnes, magnet-, from Greek magnēs lithos 'lodestone',</p>
<p>2. Forces:</p> <p>a) Some forces need contact between two objects but magnetic forces can act at a distance</p>	<p>Different types of magnets with two poles:</p>
<p>3. Magnets and their force:</p> <p>a) A magnet is a material or object that produces a magnetic field.</p> <p>b) A magnetic field is invisible but is responsible for the most notable property of a magnet</p> <p>c) A force that pulls on other magnetic materials, such as iron, and attracts or repels other magnets.</p>	
<p>4. Metals:</p> <p>a) All magnetic materials are metal but not all metals are magnetic</p>	
<p>5. Metals that are magnetic:</p> <p>a) Iron</p> <p>b) Cobalt</p> <p>c) nickel</p> <p>d) Steel</p>	<p>Magnet attracting iron fillings:</p> 
<p>6. Magnets have two poles:</p> <p>a) North</p> <p>b) South</p> <p>c) North and South attract -the force by which one object attracts another.</p> <p>d) North and North repel</p> <p>e) South and South repel</p>	
<p>Websites:</p> <p>https://www.bbc.com/bitesize/topics/zyttyrd</p> <p>https://www.bbc.com/bitesize/clips/zk9rkqt</p>	<p>ATTRACTION</p>  <p>REPULSION</p>  <p>OR</p> 