
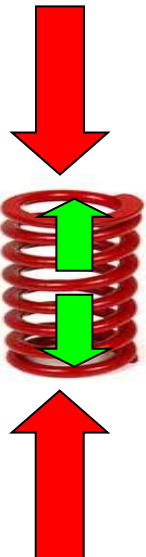

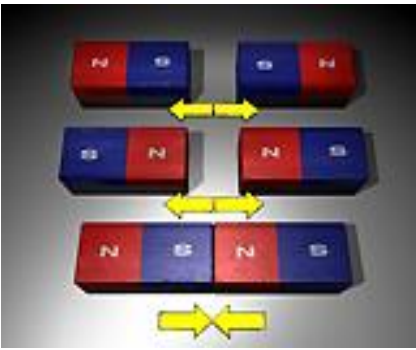
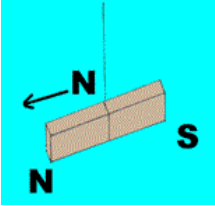
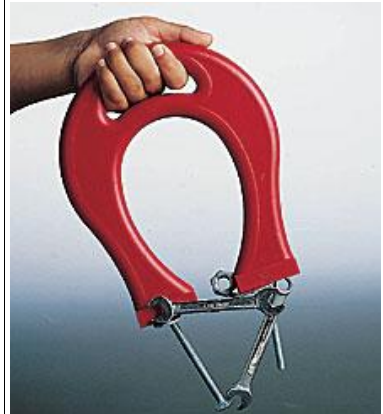


3E MAGNETS AND SPRINGS

<p>Glossary</p> <p>attract – to pull towards attraction – a pulling force</p> <p>elastic – a material that is able to go back to its original shape after being pulled</p> <p>magnet – an object made from iron, nickel or cobalt materials which attracts other objects made from these materials</p> <p>magnetic – able to be attracted by a magnet</p> <p>opposite – exactly different from something else in every way</p> <p>poles – the ends of a magnet which exert the magnetic force</p> <p>repel – to push away repulsion – a pushing force</p> <p>squash – to make shorter by pushing from opposite directions</p> <p>stretch – to make longer by pulling in opposite directions</p>	<p>Springs are elastic after being stretched or squashed the internal forces pull or push in the direction of the green arrows to try to return the spring to its original shape</p> 	<p>This spring is being squashed in the direction of the red arrows.</p> 	<p>This spring is being stretched in the direction of the red arrows.</p> 	<p>Look at these bar magnets - Like poles repel and push away from each other in the direction of the arrows. Unlike poles attract and pull in the direction of the arrows.</p>  <p>If you hang a bar magnet on a piece of thread, it always swings to point in the direction of the North.</p>  <p>These metal objects are attracted to this horseshoe magnet.</p> <p>Not all metals are magnetic.</p> <p>Do you know which metals are?</p> 
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