

1: The Skeleton		3: Neutralisation			5: Magnetism	
<p>The skeleton has four functions (jobs):</p> <ul style="list-style-type: none"> • protection (of vital organs) • movement • creating blood cells • supporting the body 		<p>Acid a substance with a pH < (less than) 7</p>	<p>Alkali a substance with a pH > (greater than) 7</p>		<p>Permanent Magnet a magnet made from magnetic material which always has a magnetic field acting around it</p>	<p>Magnetic Materials a material (made of iron, nickel or cobalt) that is attracted to a permanent magnet</p>
<p>Joint where bones are linked together. Allows movement</p>	<p>Synovial Joint a freely moveable joint</p>	<p>Neutral pH Scale a scale, from 1 to 14, which measures the acidity or alkalinity of a substance</p>	<p>Neutralisation a chemical reaction in which an acid reacts with an alkali to make a salt and water</p>		<p>Attraction when two or more objects come together</p>	<p>Repulsion Pole when two or more objects are forced apart the end of a magnet</p>
<p>Muscle attached to bones via tendons. Allows movement at joints</p>	<p>Contract a decrease in size, number or range</p>	<p>Indicator a chemical substance that changes colour at a specific pH</p>	<p>Irritant a substance that causes slight pain or discomfort to the body</p>		<p>Magnetic Field the area around a magnet that exerts a magnetic force</p>	<p>Compass an instrument containing a magnetised pointer that shows the direction of the magnetic north</p>
<p>Corrosive able to damage or destroy other substances by chemical reaction</p>		<p>4: Reactions of Acids</p>			<p>6: Earth and Space</p>	
<p>Tissue a collection of similar cells working together to perform a specific function</p>	<p>Tendon tough tissue joining muscle to bone</p>	<p>Risk something that can cause harm</p>	<p>Pipette a piece of science equipment used for measuring or transferring small amounts of liquid</p>		<p>Planet a large mass in orbit around a star</p>	<p>Star a large mass at the centre of a solar system that produces heat and light</p>
<p>Ligament tough tissue joining two bones together</p>	<p>Cartilage firm, flexible, connective tissue in structures such as the external ear</p>	<p>Reaction</p>	<p>Observation</p>	<p>Explanation</p>	<p>The Sun the star at the centre of our solar system</p>	<p>Galaxy a cluster of billions of stars held together by gravity</p>
<p>Antagonistic things in opposition to each other</p>	<p>Antagonistic Muscles pairs of muscles around a joint that work against each other to allow movement back and forth</p>	<p>Acid and Alkali</p>	<p>no fizzing but possible colour change</p>	<p>no gas is produced some salts produced are coloured</p>	<p>Light Year the distance that light travels in one year</p>	<p>Day and Night caused by the Earth rotating on its axis</p>
<p>Random Error something wrong within a set of data in science caused by unpredictable change in the experiment</p>	<p>Conclusion a judgement or decision reached by reasoning</p>	<p>Acid and Metal</p>	<p>fizzing</p>	<p>hydrogen gas is produced</p>	<p>Seasons caused by the tilt of the Earth's axis</p>	<p>Warmer Seasons when the hemisphere is pointing towards the sun</p>
<p>General Word Equations acid + alkali → salt + water acid + metal → salt + hydrogen</p>		<p>Colder Seasons when the hemisphere is pointing away from the sun</p>				