
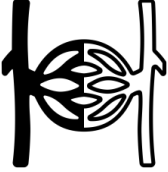
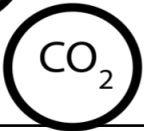

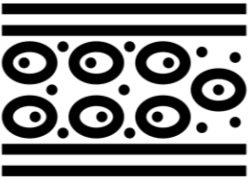
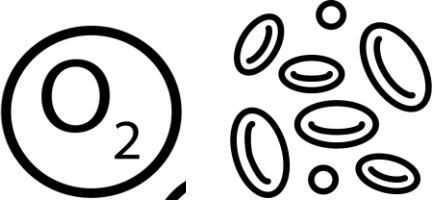



Year 6 Biology

Animals Including Humans: Healthy Living

<p><u>arteries</u></p> <p>These are the blood vessels which carry oxygenated blood away from the heart and towards the body's organs.</p> 	<p><u>capillaries</u></p> <p>These are the tiny blood vessels which connect the veins and the arteries. They allow nutrients, oxygen and waste products to pass between the blood and the body's cells.</p> 	<p><u>circulator system</u></p> <p>This is the system which transports blood around our bodies. It has three components:</p> <p>The heart (the muscular organ which pumps blood around our bodies)</p> <p>Blood (a liquid which is made up of plasma, white blood cells, red blood cells and platelets)</p> <p>Blood vessels (the tubes which carry blood - veins, arteries and capillaries)</p>
<p><u>deoxygenated blood</u></p> <p>This is blood that has very low oxygen levels. Instead, it carries lots of carbon dioxide (a waste product which has been collected from the body's cells and will be delivered to the lungs).</p> 	<p><u>oxygenated blood</u></p> <p>This is blood that contains lots of oxygen (carried by the red blood cells). This oxygen is collected at the lungs and will be delivered to the rest of the body.</p> 	<p><u>plasma</u></p> <p>This is the liquid part of the blood which carries nutrients and water around our bodies.</p> 
<p><u>red blood cells</u></p> <p>These blood cells carry oxygen to the other cells in our bodies.</p> 	<p><u>veins</u></p> <p>These are the blood vessels which carry deoxygenated blood from the body's cells towards the heart.</p> 	<p><u>white blood cells</u></p> <p>These cells are carried in our blood and help to fight infections.</p> 