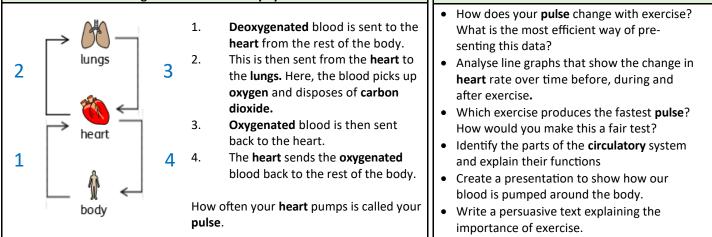


| Topic: An  | imals including humans  | Year                  | :: 6  | Strand: Biology   |
|--|---|-----------------------|---|---|
| What should I already know?  |   |                       | Vocabulary  |   |
| <ul> <li>Which things are living and which are not.</li> <li>Classification of animals (e.g. amphibians, reptiles, birds, fish, mammals, invertebrates)</li> </ul>   |   |                       | aorta   | the main <b>artery</b> through which blood leaves<br>your <b>heart</b> before it flows through the rest<br>of your body |
| <ul> <li>Animals that are carnivores, herbivores and omnivores.</li> <li>Animals have offspring which grow into adults.</li> <li>The basic needs of animals for survival (water, food, air)</li> </ul>           |   | arteries              | a tube in your body that carries <b>oxygenated</b><br>blood from your <b>heart</b> to the rest of your<br>body  |   |
| <ul> <li>The importance of exercise, hygiene and a balanced diet.</li> <li>Animals get nutrition from what they eat.</li> <li>Some animals have skeletons for support, protection and</li> </ul>                 |   | blood<br>vessels      | the narrow tubes through which your blood<br>flows. Arteries, veins and capillaries are<br>blood vessels.   |   |
| movement.  |   |                       | capillaries   | tiny <b>blood vessels</b> in your body  |
| <ul> <li>The basic parts of the digestive system.</li> <li>The different types of teeth in humans.</li> <li>Respiration is one of the seven life processes.</li> </ul>   |   |                       | carbon<br>dioxide   | a gas produced by animals and people breathing out  |
| Kespiration is one of the seven me processes.     The life cycle of a human and how we change as we grow.     What will I know by the end of the unit?     What is the     The circulatory system is     To ment |   | circulatory<br>system | the system responsible for circulating blood<br>through the body, that supplies <b>nutrients</b><br>and <b>oxygen</b> to the body and removes waste<br>products such as <b>carbon dioxide</b> . |   |
| circulatory  | made of the <b>heart</b> , <b>lungs</b>   |                       | deoxygenate   | blood that does not contain <b>oxygen</b>   |
| system? and the blood vessels.   | and the blood vessels.<br>Arteries carry oxygenated   | - artery vein -       | heart   | the <b>organ</b> in your chest that <b>pumps</b> the blood around your body   |
|  | <ul> <li>blood from the heart to<br/>the rest of the body.</li> <li>Veins carry deoxygenated<br/>blood from the body to the <sup>® 2006 Engelspace</sup> Britanica, br.<br/>heart.</li> <li>Nutrients, oxygen and carbon dioxide are</li> </ul> | lungs                 | two <b>organs</b> inside your chest which fill with<br>air when you breathe in. They <b>oxygenate</b><br>the blood and remove <b>carbon dioxide</b> from<br>it.                                 |   |
| •  |   | nutrients             | substances that help plants and animals to grow   |   |
| Choices •<br>that can  | exchanged via the capillaries.<br>Some choices, such as smoking and drin  | nking                 | organ   | a part of your body that has a particular purpose   |
|  |   |                       | oxygen  | a colourless gas that plants and animals need to survive  |
| system   | taste and long-term effects such as lun   |                       | oxygenate   |   |
| car<br>• Alc   | cancer and death<br>Alcohol can cause short-term effects such as<br>addiction and loss of control and long-term   | pulse                 | the regular beating of blood through your<br>body. How fast or slow your <b>pulse</b> is<br>depends on the activity you are doing.  |   |
|  | effects such as <b>organ</b> damage, cancer a   |                       | respiratio  | process of respiring; breathing; inhaling and   |
| , -  | xercise can:  |                       |   | exhaling air  |
| important?   | <ul> <li>tone our muscles and reduce fat</li> <li>increase fitness</li> <li>make you feel physically and mentally healthier</li> </ul>  | vein                  | a tube in your body that carries<br>deoxygenated blood to your heart from<br>the rest of your body  |   |
| •  | <ul> <li>strengthens the heart</li> <li>improves lung function</li> </ul>   | leanner               | vena cava   | a large <b>vein</b> through which <b>deoxygenated</b>   |
| •  | improves skin   |                       | via   | through   |
| Diagram - The Circulatory System Investigate!  |   |                       |   |   |
| How does your <b>pulse</b> change with exercise?   |   |                       |   |   |





Over Hall Community School

