

<u>Y6 Knowledge Organiser – Animals including humans</u>

What should I Know by the end of the unit?

- Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.
- Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.
- Describe the ways in which nutrients and water are transported within animals, including humans.

What I should already know

- Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.
- Describe the life process of reproduction in some plants and animals.
- Describe the changes as humans develop to old age.

Key Vocabulary

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circulatory system	A system which includes the heart, veins, arteries and	
	blood transporting substances around the body.	
heart	An organ which constantly pumps blood around the	
	circulatory system.	
pulmonary	Relating to the lungs.	
alveoli	Tiny air sacs in the lungs where gas exchange takes	
	place.	
gas exchange	The process by which oxygen enters the bloodstream from the lungs and the lungs receive carbon dioxide from the blood to breathe out. This process happens in the alveoli and the capillaries around the alveoli.	



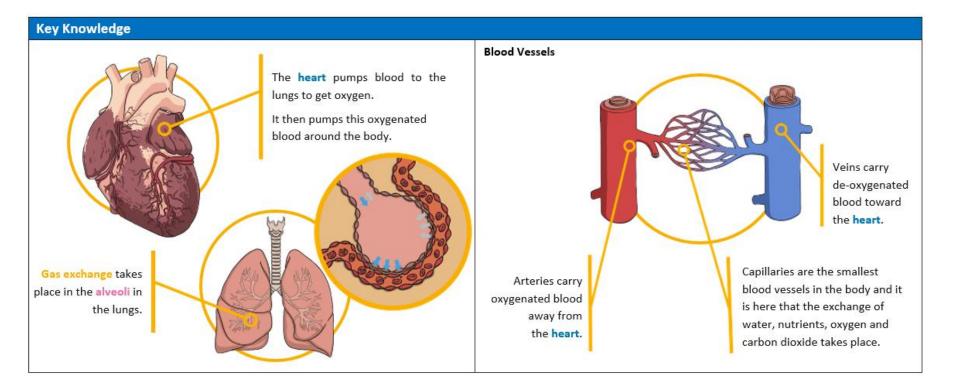
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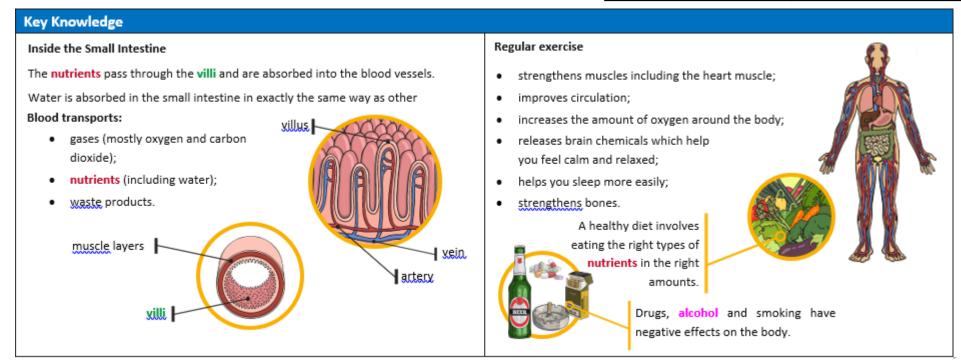
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Key Vocabulary

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villi	Structures in the small intestine which help absorb
	nutrients.
nutrients	Substances that animals need to stay alive and healthy.
kidneys	Organs which filter blood and make urine from waste and
	excess water.
liver	An organ which processes waste from the blood and
	produces bile.
drug	A substance containing natural or man-made chemicals
	that has an effect on your body when it enters your
	system.
alcohol	A drug produced from grains, fruits or vegetables when
	they are put through a process called fermentation.



Pre and Post Assessment				
Statement	Pre Assessment response	Post Assessment response		
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