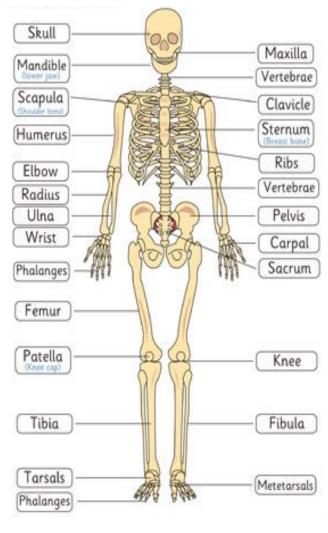
Brooklands Primary School

Knowledge Organiser - Science: Animals Including Humans



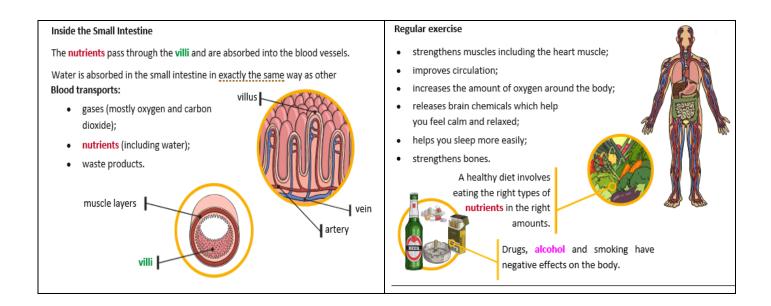
Tier 3 vocabulary		
Arteries Muscular-walled tubes that transport		
Arteries	blood from the heart to other parts of	
	the body.	
Blood	Red liquid that circulates in arteries and	
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	veins, carrying oxygen to and carbon	
District and	dioxide from tissues of the body.	
Blood vessel	A tubular structure carrying blood	
_	through the tissues and organs.	
Bones	Hard whitish tissue making up the	
	skeleton in humans and other	
	vertebrates.	
Circulatory system	The system that circulates blood	
	through the body, including the heart,	
	blood vessels and blood.	
Heart	A hollow muscular organ that pumps	
	the blood through the circulatory	
	system.	
Lungs	Pair of organs situated within the	
	ribcage where oxygen can pass into the	
	blood and carbon dioxide be removed.	
Muscles	A band or bundle of fibrous tissues that	
	have the ability to contract, producing	
	movement in or maintaining positions	
	of parts of the body.	
Nutrients	A substance that provides nourishment	
	essential for the maintenance of life and	
	for growth.	
Organs	Part of an organism that is typically self-	
	contained and has a specific vital	
	function (e.g. the heart and lungs).	
Veins	Tubes forming part of the blood	
	circulation system of the body, carrying	
	mainly oxygen-depleted blood towards	
	the heart.	
Vitamins	Organic compounds essential for	
	normal growth and nutrition.	



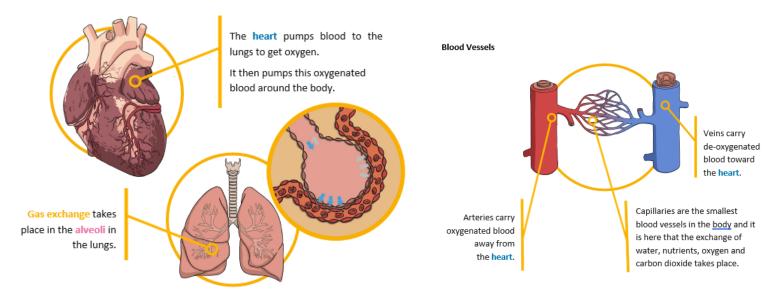
A healthy and balanced diet and regular exercise is important in helping the body to function.



Smoking, Alcohol and Illegal drugs are very harmful to the body. They can cause illnesses like cancer or cause problems with internal organs.



The Circulatory System



Working Scientifically		
Research	Fair Testing	
How are smoking, drinking and drugs harmful?	Investigating heart rate	