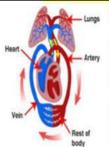


Year 6 Summer: Animals including Humans: The Circulatory system

Lesson 1		Lesson 2		Lesson 3		Lesson 4		Lesson 5	
What can I do to keep my		How does the human		What are the features		What are the components of human		How does exercise	
body healthy?		circulatory system work?		of	the human heart?	blood and what is thei		ir function?	affect my pulse?
333	Muscular-walled tubes that		ale		A hollow muscular organ		<u> </u>	A substance that provides	
900	transport blood from the		(1)		that pumps the blo	ood	~	nourishment essential for the	
	heart to other parts of the				through the circulatory			maintenance of life and for	
arteries	body		heart		system	·	nutrients	growth	
P	Red liquid that circulates		Ħ		Pair of organs situ	ıated		A beating heart creates a	
→	in arteries and veins,				within the ribcage v		where \ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	pulse- as your heart pushes	
&	carrying oxygen to and)	oxygen can pass i	nto the		blood through your body you	
blood	carbon dioxide from		lungs		blood and carbon	dioxide pulse		feel your pulse on wrist	
blood	tissues of the body		turigs		be removed		puisc		
1	A tubular structure carrying blood through the tissues and organs		v A	,	The food and drin	k	0° 0	A colourless gas essential to	
57/A					consumed by a person		${\mathcal{O}}_{2}^{\circ}$	living organisms - taken up by	
S off								animals and converted into	
blood vessel	blood vessel		diet				oxygen	carbon dioxide.	
∞ ∞	A colourless gas that is one part carbon and two parts oxygen (CO2)		lifestyl	e	The interests, opin	ions,	drugs	A substance	containing natural
ග භ CO₂ ර න			,		behaviours of a pe	haviours of a person		or man-made chemicals that	
carbon dioxide					·			has effect on your body	
23/2011 410/1140	The sust	em that circulates			Tubes forming par	t of the		Ts hodilu go	tivity that helps
circulatory system	blood through the body,		MA.		blood circulation			•	ness and overall
		the heart, blood	W 2		of the body, carry	•	\$\V\$	health and	
	_	nd blood	JR		mainly oxygen-de	_		neutin und	welliess.
	vessers a		veins		blood towards the		exercise		
The Circulatory System									



The heart

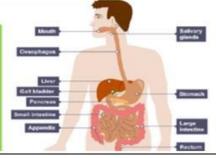
The heart pumps oxygen-rich blood to every cell in the body.

Blood vessels

A network of arteries and veins that provide the pathway for blood to travel.

Blood

- · Transports oxygen and nutrients to the lungs and tissues
- · Forms blood clots to prevent blood loss
- · Carries cells to fight infection
- · Brings waste produces to organs



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

