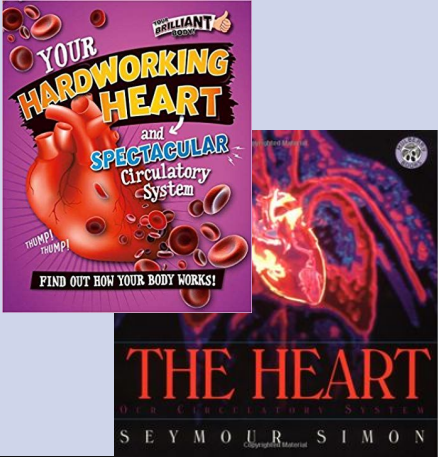


Year 6 Science: Circulatory System

Subject Specific Vocabulary		Interesting Books	Sticky Knowledge about the circulatory system
blood	Blood is the red liquid that circulates in the arteries and veins of humans and other animals, carrying oxygen to and carbon dioxide from the tissues of the body.		<input type="checkbox"/> Your heart will beat about 115,000 times each day. Your heart pumps over 9000 litres of blood every day. <input type="checkbox"/> Blood is what is used to transport oxygen, waste, nutrients, and more throughout the body. <input type="checkbox"/> The circulatory system includes the heart, blood vessels and blood, and is vital for fighting diseases and maintaining proper temperature. <input type="checkbox"/> It's important to keep it healthy with a well-balanced diet and exercise, and avoid things that can damage it, like smoking. <input type="checkbox"/> Your heart affects every part of your body and your emotional well-being can affect your heart.
blood vessels	Blood vessels are a series of tubes inside your body. They move blood to and from your heart.		
veins	Veins are blood vessels that carry oxygen-depleted blood towards the heart.		
arteries	Arteries are the muscular blood vessels that carry oxygenated blood away from the heart.		
capillaries	Capillaries are very thin blood vessels. They bring nutrients and oxygen to tissues and remove waste products.	What do I need to know about the circulatory system?	
atria	The atria are the two upper most chambers of the heart. Blood is pushed from the atria to the ventricles.	<ul style="list-style-type: none"> • What is blood made up of and what is its function? • What are the different blood vessels and what is their purpose? • What are the main parts of the human circulatory system? • How does the heart work? • What is the impact of diet, exercise, drugs and lifestyle on health? • How are nutrients and water are transported in animals, including humans? • Who was William Harvey? 	
Ventricles	The ventricles are the two lower chambers in the heart.		
cardiologists	A cardiologist is a doctor with special training and skill in finding, treating and preventing diseases of the heart and blood vessels.		
William Harvey	Was the first person to accurately describe the function of the heart and the circulation of blood around the body.		

Knowledge Planner