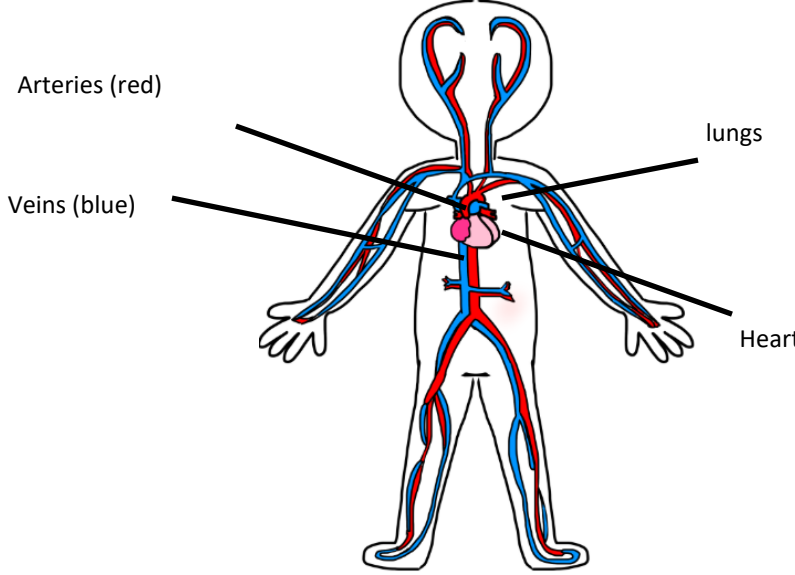


Biology – Animals including Humans

Subject Specific Vocabulary		Associated Diagram	Sticky Knowledge
Nutrients	Important elements that allow your body to perform daily activities	 Arteries (red) Veins (blue) lungs Heart On the diagram, label the heart, veins, arteries and where the lungs are. Write the colours to make it clear.	Explain the function of the heart. Pumps blood around the body. Takes in poorly oxygenated blood and sends it to the lungs and pumps oxygenated blood around the rest of the body.
Drugs	Substances that have an affect on the human body. E.G. illegal drugs, alcohol, nicotine, caffeine		Explain the function of the blood vessels. Carry blood around the body.
Circulatory System	Sends blood around the body		Explain the function of the blood. Provides fuel for muscles and other organs.
Heart	Organ that pumps blood around the body		Describe how nutrients and water are transported within animals, including humans. Once your food has been broken down using the digestive system, it moves into your small intestines. Nutrients then become a part of the circulatory system: they are transported throughout your body through your blood via capillaries, tiny blood vessels that connect arteries to veins.
Blood Vessels	Any tube that carries blood around the body		Briefly describe the impact of an unhealthy diet, lack of exercise, drugs and an unhealthy lifestyle on the way human bodies function. Increase stress, poor muscle tone and posture, more falls in older people, heart disease, cancer, type 2 diabetes, depression
Lifestyle	The way in which someone lives – eating, exercise, sleep		Explain the difference between the functions of veins and of arteries. Arteries carry oxygenated blood away from the heart to the body and veins carry oxygen-poor blood back from the body to the heart .
Oxygenated	Contains oxygen		Choose an animal. Give one way the circulatory system is similar to a human and a way in which it is different to a human.
Veins	Tubes (blood vessels) that carry de-oxygenated blood towards the heart		
Arteries	Tubes (blood vessels) that carry oxygenated blood away from the heart		