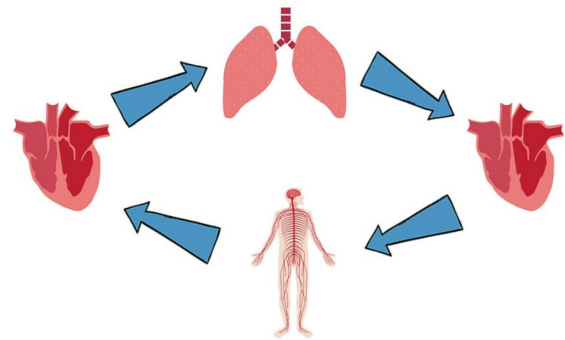
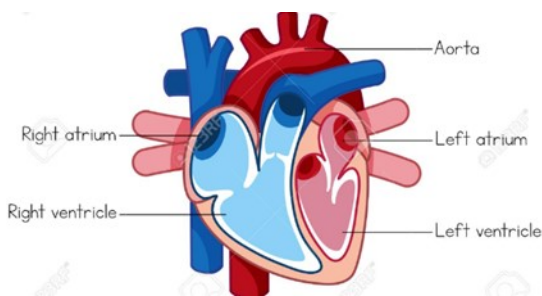


Science	Year 6
Focus: Animals including humans	
Age related scientific vocabulary	
circulatory system	The circulatory system is made up of three parts: the heart, blood vessels and the blood itself. The heart keeps all the blood in the circulatory system flowing. The blood travels through a network of blood vessels throughout the body.
arteries	Arteries are a type of blood vessel that carry blood away from the heart and delivers oxygen and useful nutrients to the body's cells.
veins	After the oxygen has been used up, veins take blood back to the heart where it is pumped to the lungs to pick up new oxygen again.



Heart - Lungs (pick up oxygen) - Heart (again) - Rest of your body (to drop off the oxygen) - Heart (again)

Key Knowledge

- The heart pumps blood around the body.
- The heart is composed of four chambers; the right atrium, the right ventricle, the left atrium and the left ventricle.
- How often your heart pumps is called your pulse.
- Oxygen is breathed into the lungs where it is absorbed by the blood.
- Muscles need oxygen to release energy from food to do work. Oxygen is taken into the blood in the lungs; the heart pumps the blood through blood vessels to the muscles; the muscles take oxygen and nutrients from the blood.
- Some choices, such as smoking and drinking alcohol can be harmful to our health.
- To keep your body fit and healthy you need a balanced diet using all of the food groups.

Success Criteria	Pupil Reflection		Teacher Assessment
	Before	After	
I can identify and name the main parts of the human circulatory system	Before <input type="checkbox"/>	After <input type="checkbox"/>	
I can describe the main functions of the heart	Before <input type="checkbox"/>	After <input type="checkbox"/>	
I can recognise the impact of drugs and lifestyle on the way the body functions	Before <input type="checkbox"/>	After <input type="checkbox"/>	
I can recognise the impact of exercise on the way the body functions	Before <input type="checkbox"/>	After <input type="checkbox"/>	
I can recognise the impact of diet on the way the body functions	Before <input type="checkbox"/>	After <input type="checkbox"/>	