



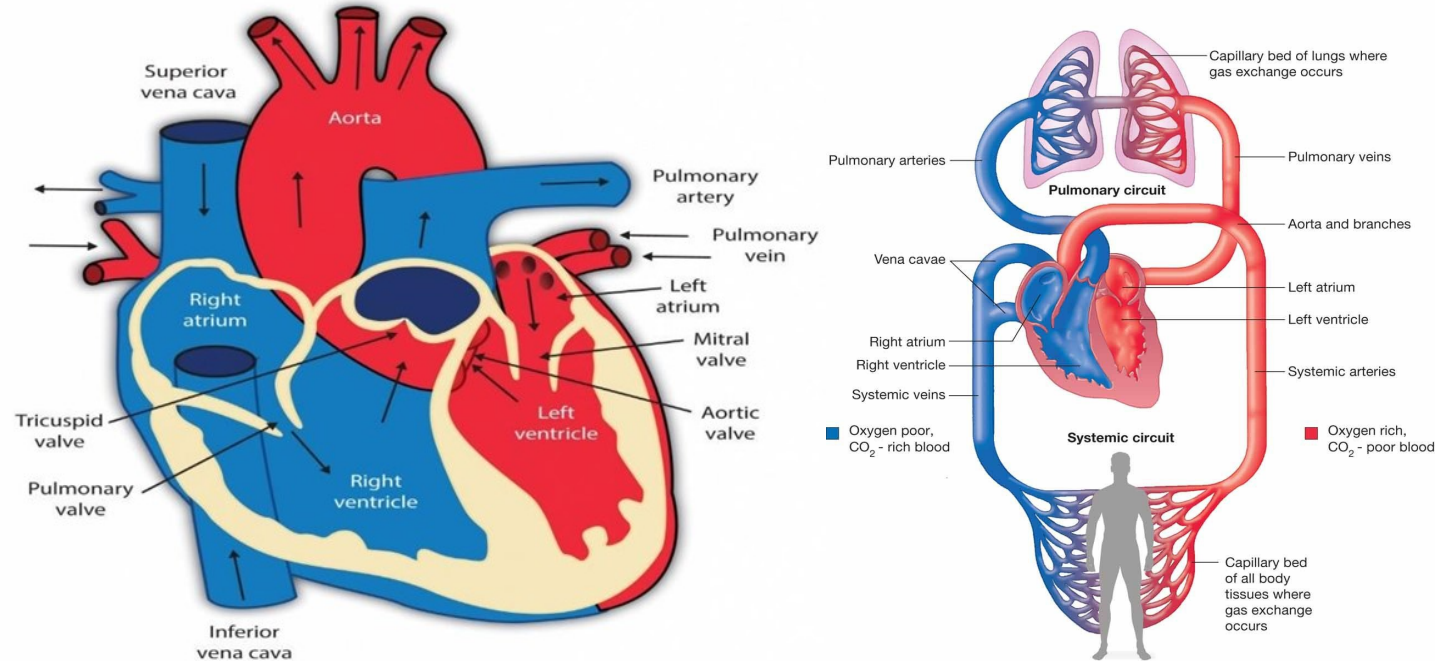
Pump it Up

Vocabulary

Word	Definition
Aorta	The largest artery in the body, which delivers blood from the heart to the rest of the body.
Artery	A blood vessel that carries blood away from the heart to the rest of the body.
Atrium	One of the upper two hollow chambers of the heart (A) that collects blood as it enters the heart and before it is pumped to the ventricles. (V)
Blood	A fluid found in humans and other animals which provides nutrients and oxygen to all parts of the body.
Capillaries	Tiny blood vessels whose walls are so thin that oxygen, nutrients, and waste products flow through them.
Circulation	The movement of blood through the vessels.
Heart	The muscular organ that pumps your blood around your body.
Oxygen	A colourless, odourless, tasteless gas, that is necessary to live.
Vein	A blood vessel that carries blood from the body toward the heart
Vessel	Tubes that carry blood around the body. Arteries, capillaries, veins are all blood vessels.

Previous knowledge

- In Year 3, you looked at animals, including humans, and their nutrition.
- You identified that humans and some other animals have skeletons and muscles for support, protection and movement.



Key Facts

- The circulatory system is made up of three parts: heart, blood and blood vessels.
- The heart is a muscle. It is the organ responsible for pumping blood around the body.
- Blood contains oxygen, water and nutrients.
- Arteries carry oxygenated blood away from the heart.
- Veins carry de-oxygenated blood back to the heart.
- Blood is pumped into the lungs to collect oxygen.
- Exercise requires our pulse to increase so our heart can work harder.