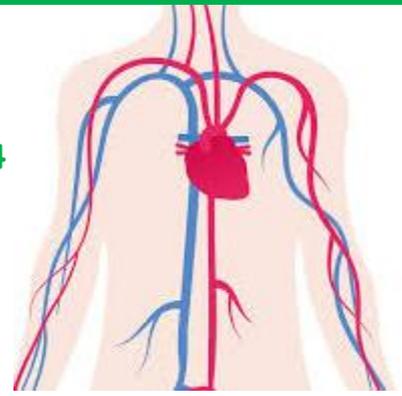


Science Knowledge Organiser Term 4 The Circulatory System



Key Objectives

- To identify and name the main parts of the circulatory system.
- To recognise the impact of exercise on the way the body functions.
- To understand how lung capacity affects someone's ability to exercise.
- To name the different parts that make up the blood and explain their functions.

Key Vocabulary

Heart	A muscle and organ that pumps blood around the body.
Lungs	The organ that helps you to breath and helps to put oxygen into your body.
Veins	Blood vessels that carry blood back into the heart.
Arteries	Blood vessels that carry blood away from the heart.
Oxygenated	Something is full of oxygen.
Deoxygenated	Something is lacking oxygen.
Pulse rate	The number of times your heart beats in one minute.
Lung capacity	The amount of air your lungs can hold when you breathe in as much as you can.

Sticky Knowledge

- **Identify and name the main parts of the human circulatory system.**
The human circulatory system has three main parts: the heart, the blood vessels and the blood. The heart pumps blood around the body while the blood vessels (veins and arteries) carry it to and from different organs. The blood transports oxygen and nutrients to the body and takes away any wate products.