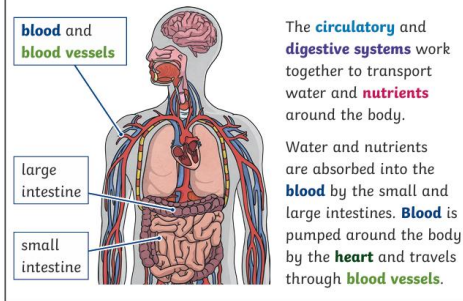


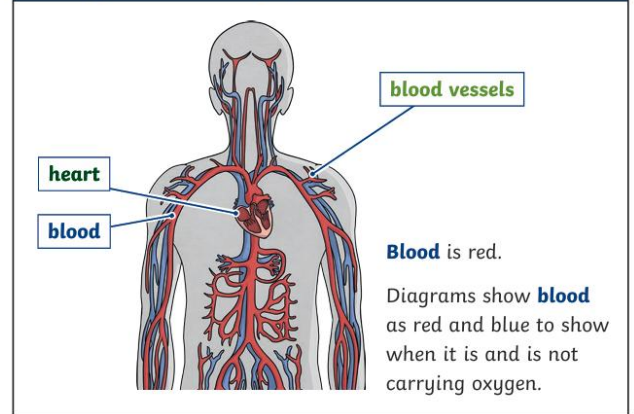
Transporting Water and Nutrients



Animals including Humans

Circulatory system Diet / exercise / drugs
Nutrient & water transport

Parts of the Circulatory System



Key Vocabulary

Skeleton The framework of bones in your body.

Muscle Something inside your body which connects two bones and which you use when you make a movement.

Circulatory system The circulatory system is a system that transports substances around the body and includes the heart, blood vessels and blood.

Blood Blood is a liquid in the body that transports oxygen, water, nutrients and waste.

blood vessels Blood vessels are tube-like structures that carry blood around the body. Veins and arteries are two types of blood vessel.

Heart The heart is a muscular organ that constantly pumps blood around the circulatory system.

What I will learn:

*Identify and name the main parts of the circulatory system in humans.

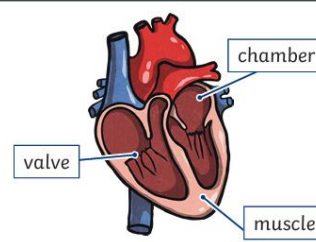
*Be able to describe the function of the heart, blood vessels and blood and how it all works in simple terms.

*Recognise the problems that can occur within the circulatory system and the impact these can have on a body.

Function of the Heart

The **heart** is a muscular organ. The **heart's** muscular walls are responsible for pumping **blood** around the body.

Chambers and valves within the **heart** direct the flow of **blood**.



Function of Blood and Blood Vessels

Substances such as water, nutrients and gases are carried in **blood**.

Blood vessels transport **blood** around the body.

