

Year 6 'The Circulatory System' Knowledge Organiser



Star Vocabulary

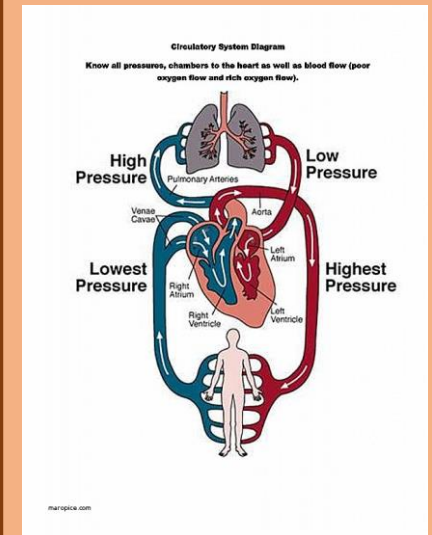
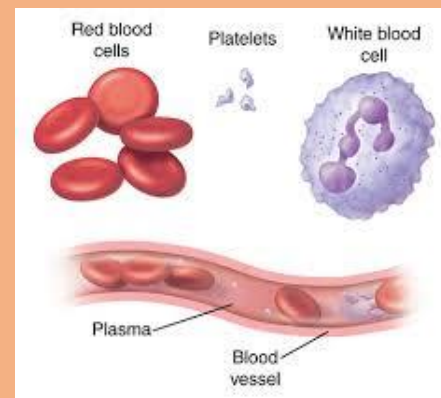
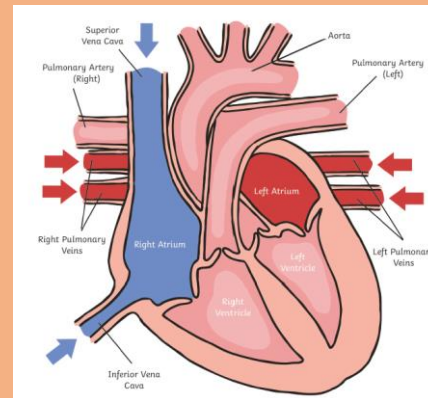
Circulatory system	The system that moves blood throughout the body. The circulatory system is composed of the heart, arteries, capillaries, and veins.
Artery/ arteries	A blood vessel in humans that takes blood away from the heart to one or more parts of the body.
Vein/ veins	Blood vessels that carry blood towards the heart.
Red blood cells	Carry oxygen around the body. They also contain a protein called haemoglobin which contains iron.
White blood cells	They defend against certain bacteria, viruses, infectious diseases and other unwanted materials.
Platelets	Help blood clot in order to limit bleeding when your skin is cut.

Describe the simple functions of the parts of the digestive system in humans. identify the different types of teeth and their simple functions.

KS3 – Skeletal, muscular, digestion and gas exchange systems.

Practical:

To create models to represent the human circulatory system and demonstrate the flow of blood around the body.



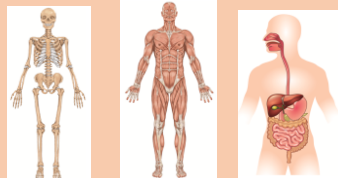
Progression

Understand that different systems operate within the human body.

Understand that the heart is a muscle. Its main function is to pump enough blood to deliver a continuous supply of oxygen and other nutrients to the brain and the other vital organs.



To understand the contents of blood (different types of cells) and describe their functions.



Describe the ways in which nutrients and water are transported within animals, including humans.

To identify and name the main parts of the human circulatory system and describe the functions of the heart, blood vessels and blood.