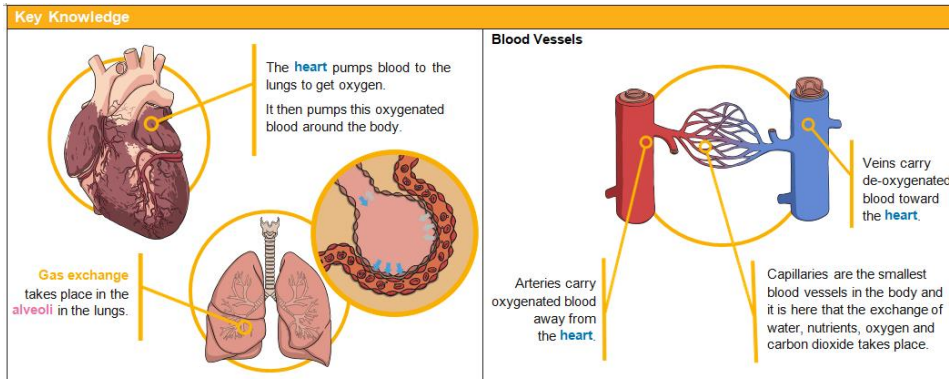


# Year 6 Science Knowledge Organiser –Animals including Humans

## Selected Vocabulary and Definitions

Circulatory system	A system which includes the <b>heart</b> , veins, arteries and blood transporting substances around the body.	Kidneys	Organs which filter blood and make urine from waste and excess water.
heart	An organ which constantly pumps blood around the <b>circulatory system</b> .	Liver	An organ which processes waste from the blood and produces bile.
Pulmonary	Relating to the lungs.	drug	A substance containing natural or man-made chemicals that has an effect on your body when it enters your system.
Alveoli	Tiny air sacs in the lungs where <b>gas exchange</b> takes place.	nutrients	Substances that animals need to stay alive and healthy
Gas exchange	The process by which oxygen enters the bloodstream from the lungs and the lungs receive carbon dioxide from the blood to breathe out. This process happens in the <b>alveoli</b> and the capillaries around the <b>alveoli</b> .	alcohol	A <b>drug</b> produced from grains, fruits or vegetables when they are put through a process called fermentation.



## Curriculum Objectives

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

I can recognise the impact of diet, exercise, drugs and lifestyle on the way our bodies function.

I can describe the ways in which nutrients and water are transported within animals, including humans.

## Key Questions

Name the parts of the human circulatory system.

Describe the function of blood.

How can diet have an impact on health?

What is a drug?

List the consequences of dehydration.