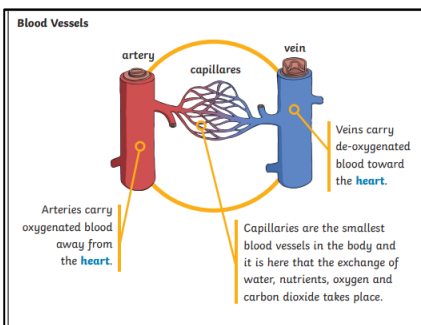
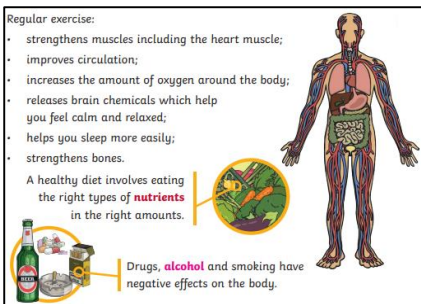
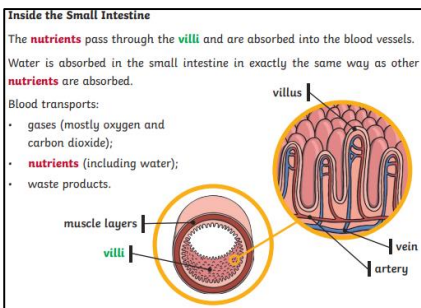
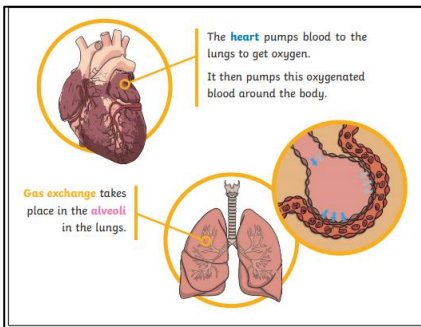


Key Knowledge

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

To recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function

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



Key Vocabulary

Circulatory system	A system which includes the heart, veins, arteries and blood transporting substances around the body
Heart	An organ which pumps blood around the circulatory system
Pulmonary	Relating to the lungs
Alveoli	Tiny air sacks in the lungs where gas exchange takes place
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 alveoli and the capillaries around the alveoli
Villi	Structures in the small intestine which help absorb nutrients
Nutrients	Substances that animals need to stay alive and healthy
Kidneys	Organs which filter blood and make urine from waste and excess water
Liver	An organ which processes waste from the blood and produces bile
Drug	A substance containing natural or man-made chemicals that has an effect on your body when it enters your system
Alcohol	A drug produced from grains, fruits or vegetables when they are put through a process called fermentation