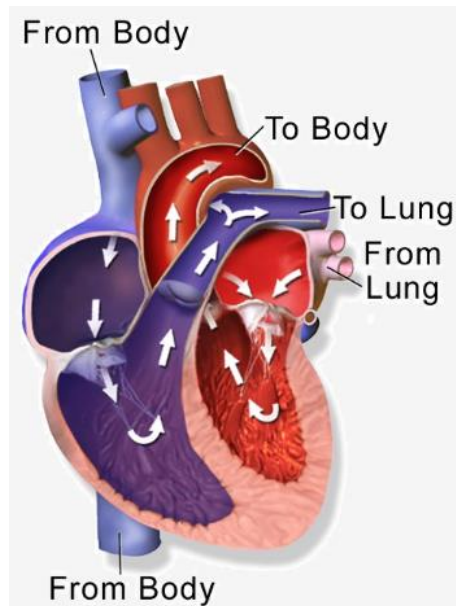
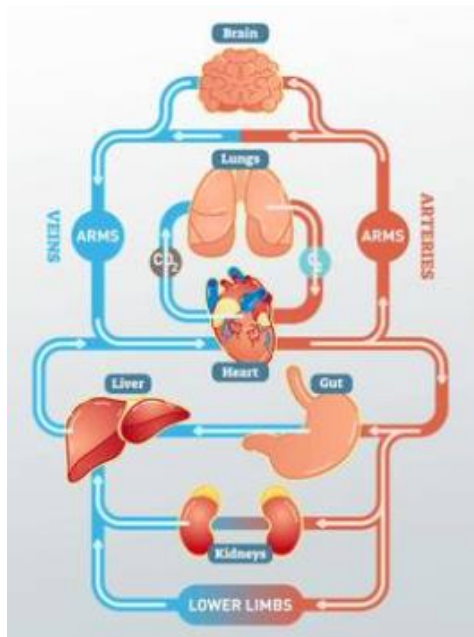
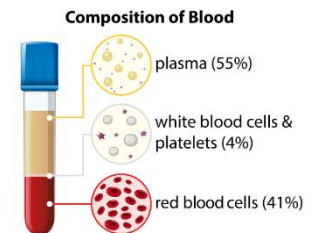
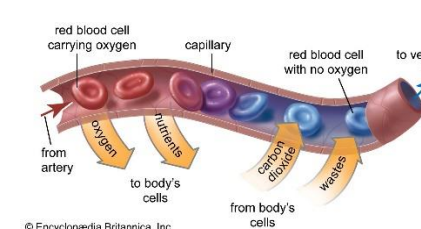
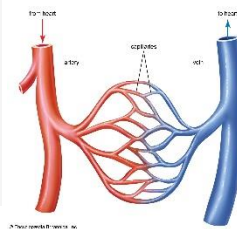




Year 6 - Summer 1 - Animals including Humans



Key Facts
Mammals have hearts with 4 chambers: the right atrium, the right ventricle, the left atrium and the left ventricle.
Deoxygenated blood comes from the body and goes to the lungs.
Oxygenated blood comes from the lungs and goes to the body.
Blood transports gases (oxygen and carbon dioxide), nutrients (including water) and waste products around the body.
Red blood cells carry oxygen .
Platelets help stop bleeding when you get hurt.
White blood cells fight infection when you are unwell.
Plasma is made up of protein and water .



Key Vocabulary

Circulatory system	The system responsible for carrying oxygen and nutrients to cells and removing carbon dioxide and waste products. It is made up of the heart, blood vessels and blood.	Arteries	Tubes that carry oxygenated blood from the heart to the rest of the body.
Heart	An organ that pumps blood around the body.	Veins	Tubes that carry deoxygenated blood from the body to the heart.
Blood vessels	Tubes that carry blood around the body. They include arteries, veins and capillaries.	Capillaries	Tiny tubes in which the exchange of oxygen and nutrients, carbon dioxide and waste products happens.
Oxygenated blood	Blood that has more oxygen in it than carbon dioxide. It is pumped from the heart to the body.	Drugs	Chemicals that change the way the body works.
Deoxygenated blood	Blood that has more carbon dioxide than oxygen. It is returning to the heart from the body.	Alcohol	Chemical substance in beer, wine and spirits that changes the way the body works.

