

Knowledge Organiser

Y6

Animals, including humans
Can I explain how blood is pumped around the body?

Keeping Healthy

In this topic, we will be learning about the main parts of the Human Circulatory System and we will describe the functions of the heart, blood vessels and blood.

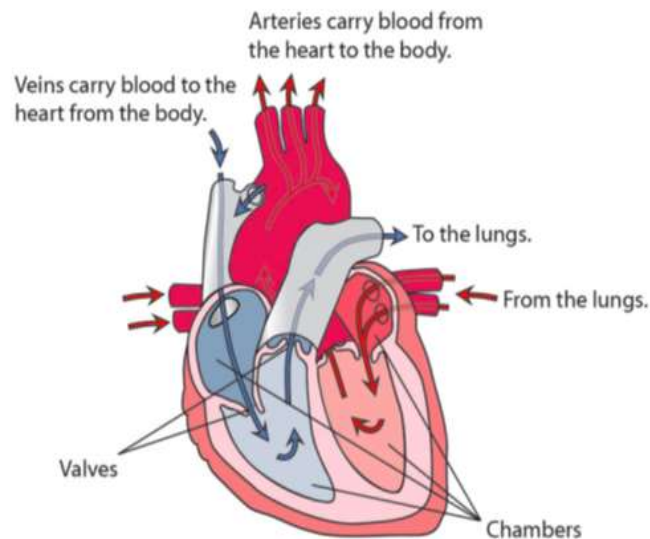


Vocabulary

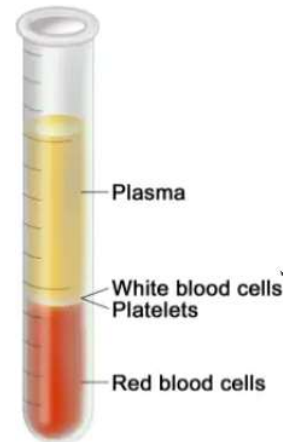
heart	the organ in the body that pumps blood.
blood	a red liquid that flows through the veins and the arteries.
arteries	a tube that carries the blood away from the heart.
veins	a tube that carries blood towards the heart.
pulse	a rhythmic movement of the arteries as the blood is pumped through them by the beating of the heart.
heart rate	how many times your heart beats in a minute.
blood pressure	a force that your heart uses to pump the blood.
beat	the regular movement of your heart.
lungs	brings oxygen to your blood and removes carbon dioxide.
oxygen	a gas that exists in the air that you breathe in.
respiration	the process of breathing.

Key Knowledge

The Heart



Blood



- Whole blood contains 4 main elements:
 - Red blood cells – carry oxygen to tissue
 - Platelets – used in coagulation (clotting)
 - Plasma – maintains blood volume and blood pressure, and prevents excessive bleeding
 - White blood cells – fight infection