Y6 Science Knowledge Organiser – Circulation

Vocabulary

Circulatory system	Parts of the body that work together to move blood around the body
Heart	The organ responsible for pumping blood around the body
Blood vessels	Tubes within the body that carry blood
Red blood cells	The part of the blood that carries oxygen and removes waste products
White blood cells	The part of the blood that fight viruses and bacteria
Nutrients	substances that provide the important nourishment we need for our bodies to grow and repair themselves
Plasma	Part of the blood that carries nutrients
Atria	The top two chambers in the heart
Ventricles	The bottom two chambers in the heart

How blood cells travel...



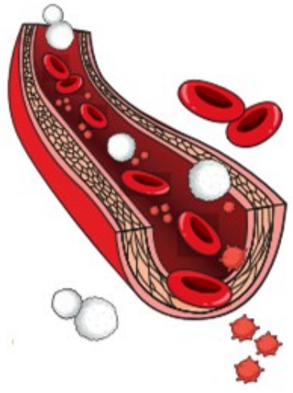
Red blood cells



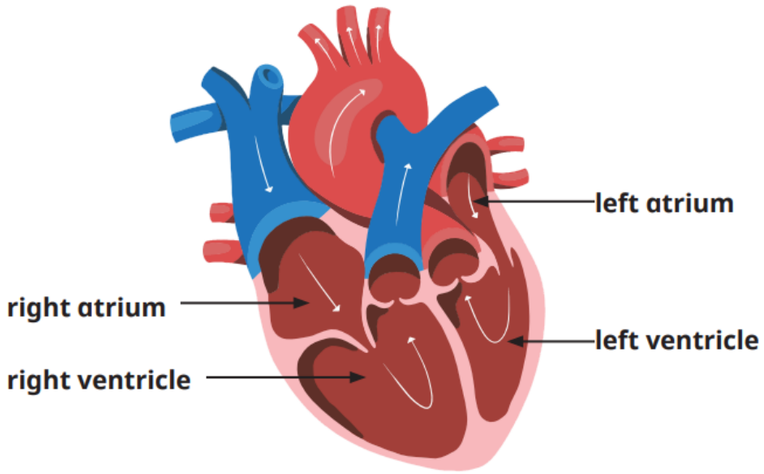
White blood cells

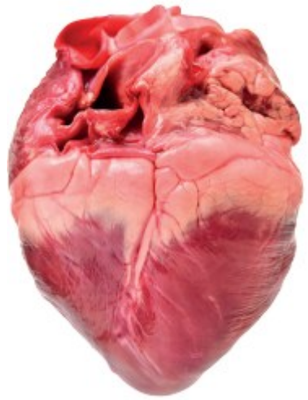


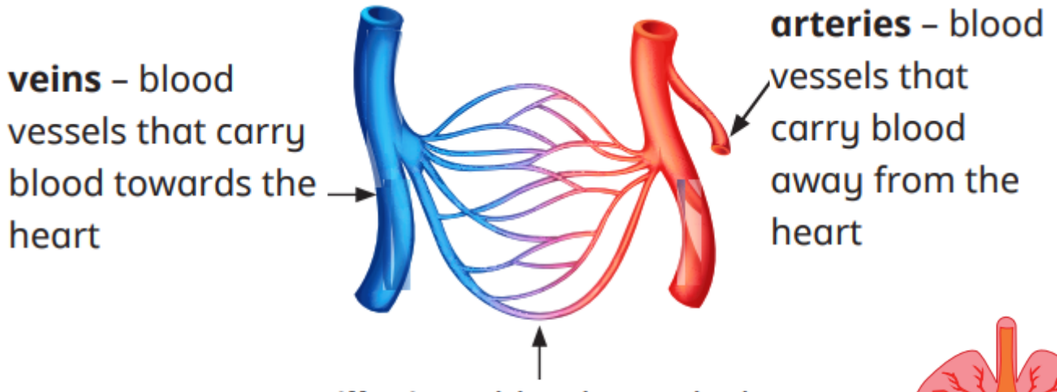
Plasma

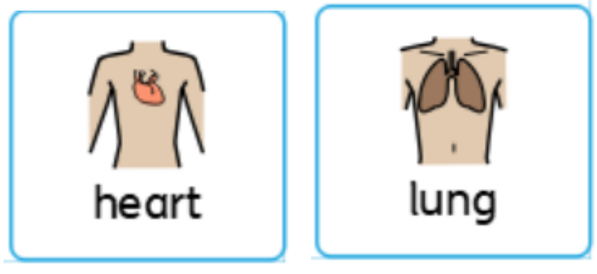


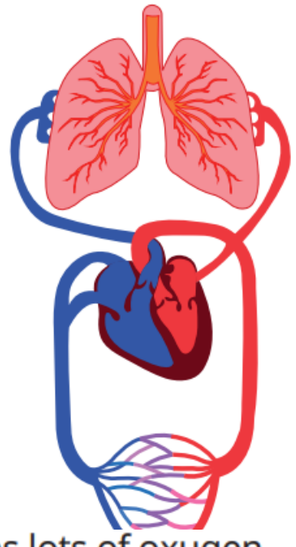
The Heart











- Oxygenated blood is blood that carries lots of oxygen.
- Deoxygenated blood is blood that has little oxygen in it.