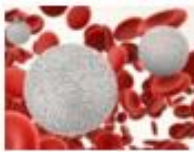


Science Knowledge Organiser The Human Body: Circulation – Year 6

Key Vocabulary	Definition
Circulatory system	Bodily system made up of the heart, blood vessels and blood that delivers essential materials to cells whilst removing waste products
Transport	The circulatory system transports nutrients (from digested food) and water to every cell as well as oxygen
Atria	The plural of 'atrium'. The upper chambers of the heart
Ventricles	The lower chambers of the heart
Valves	Found between the atria and ventricles they open and close to allow the blood to flow through the heart
Aorta	The largest artery supplying oxygenated blood to the rest of the body
Arteries	Carry blood with oxygen from heart
Veins	Carry blood depleted of oxygen back to heart
Capillaries	Tiny vessels where oxygen gets transferred to cells
Pulse rate	The number of heart beats per minute

Arteries	Veins	Capillaries
- Carry blood away from the heart - Oxygenated blood 	- Carry blood back to the heart - Deoxygenated blood 	Transfers oxygen from the blood stream to other tissues in the body 

Red Blood Cells	White Blood Cells	Platelets
Haemoglobin is the red protein found in red blood cells that transport oxygen around the body 	A part of our immune system. Helps the body to fight infections 	Tiny blood cells that help your body to form clots to stop bleeding 

