

Preston Primary School Knowledge Organiser



Preston
Primary School

Science: Animals including Humans

Term: Autumn 1

Unit 4 - Year 5 & 6

Duration: 7 Weeks

The right atrium receives deoxygenated blood from the body.

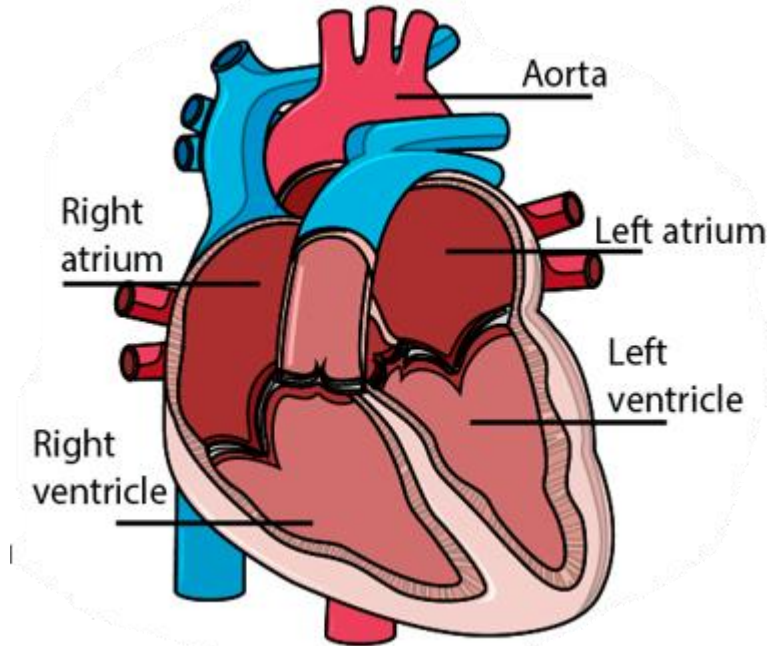
The right ventricle pumps deoxygenated blood to the lungs.

The circulatory system is how blood travels around your body. This is made up of 3 main types of vessels:

Arteries

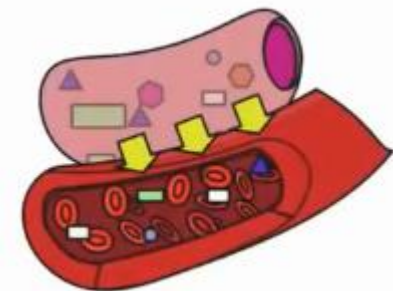
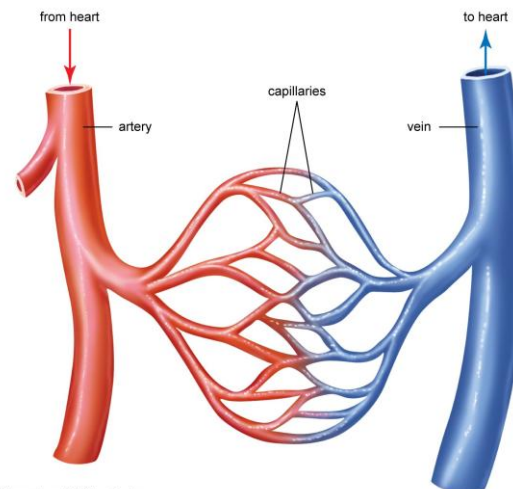
Veins

Capillaries



The left atrium receives oxygenated blood from the lungs.

The left ventricle pumps oxygenated blood to the body.



Nutrients transfer into the blood through the capillaries

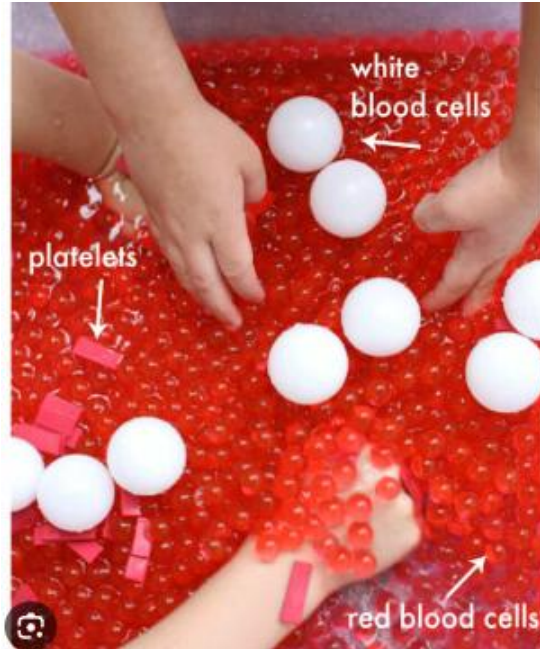
White blood cells fight infections and protect against disease.

Platelets are the part of your blood that helps it to clot.

Plasma is a liquid that carries cells.

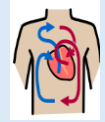
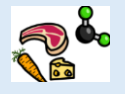
Red blood cells transport oxygen around the body to all the cells

Blood is made of 4 main parts: plasma, red blood cells, white blood cells and platelets



Smoking can damage your body in lots of different ways

Key Vocabulary

Circulatory System		The system that moves blood around the body.
Atrium		An upper chamber of the heart that receives blood
Ventricle		A lower chamber of the heart that pumps blood
Arteries		Arteries take blood AWAY from the heart
Veins		Veins take blood back IN to the heart
Plasma		Plasma is a liquid that carries cells.
Red blood cells		Red blood cells transport oxygen around the body to all the cells
White blood cells		White blood cells fight infections and protect against disease.
Platelets		Platelets are the part of your blood that helps it to clot.
Nutrients		Useful substances in food that help us grow
Pulse		The feeling of blood moving through your arteries