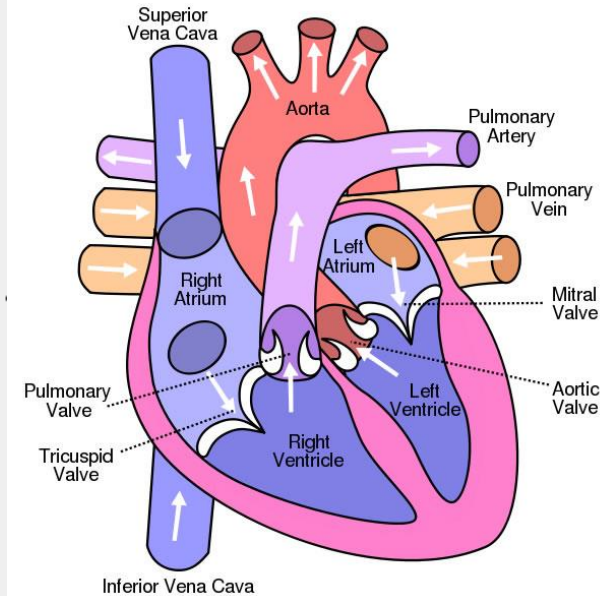
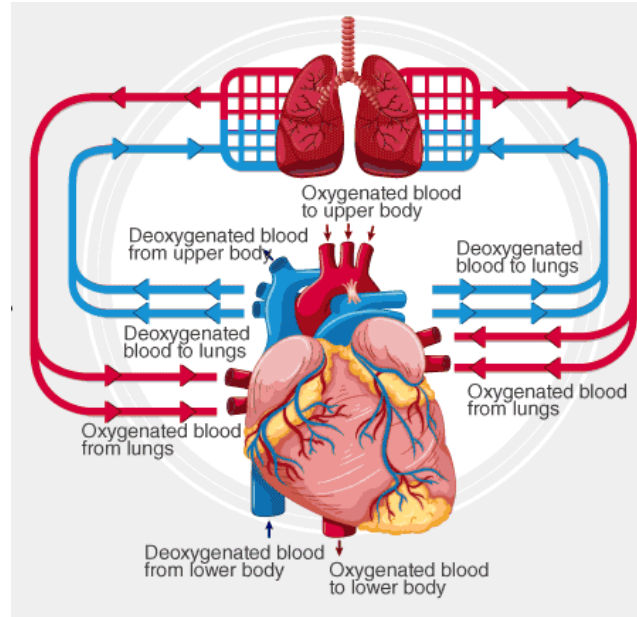


Human Body

<u>Glossary</u>	<u>Definition</u>
Antibody	Protein produced by immune system to fight diseases
Blood vessel	Arteries, veins and capillaries – transports blood around the body
Immunity	Body's way of fighting disease/infection
Nutrient	Essential substance needed for life and growth
Pulmonary artery	Carries blood from the heart to the lungs to collect oxygen
Pulmonary vein	Carries oxygenated blood from the lungs to the heart



The Heart – a muscle that is found in the chest, between the lungs. It is responsible for pumping blood around the body, through the circulatory system. It is made up of 4 chambers: left atrium, right atrium, left ventricle and right ventricle.

Blood – made up from red blood cells, white blood cells, platelets and plasma. Each part is made in a different area of the body.

- Plasma – main component of blood which carries all other parts around the body.
- White blood cells – protect against illness and disease by producing antibodies.
- Platelets – help the body stop bleeding after a cut.
- Red blood cells – contains haemoglobin to carry oxygen from the lungs and around the body. Also disposes of carbon dioxide.

Circulatory System – made up of the heart, blood, vessels and blood. It is responsible for transporting nutrients, oxygen, water and was product around the body.

How does our heart rate change when we exercise?

How long does it take for our resting heart rate to return back to normal?

What life choices can be made which would affect our health?