



Endpoints for Science

Year 6 – Circulatory System



We will be learning about the transport role of the human circulatory system, the main parts and the primary functions of each of these. We will also be learning about healthy lifestyle choices.

What I know and can explain

The circulatory system supports the transport of oxygen, water and nutrients around the body

The heart, blood and blood vessels make up the circulatory system

The circulatory system moves blood around the body.

The heart is a muscular organ that pumps blood around the body through the blood vessels

Blood is made up of plasma, platelets, red blood cells and white blood cells

Red blood cells carry oxygen and carbon dioxide around the body

White blood cells fight infection and other diseases

Resting heart rate is the number of times a heart beats per minute when a person is at rest

Heart rate increases during exercise because the body requires more oxygen to meet its needs

Exercise benefits your heart by lowering blood pressure, reducing weight, strengthening muscles and lowering stress

Useful Vocabulary

Artery - A type of blood vessel that carries blood from the heart to other parts of the body

Blood vessel - A flexible tube that transports blood around the body

Bone marrow - A jelly-like substance inside bones that makes blood cells

Capillary - A tiny blood vessel that allows nutrients to pass from the blood into the body's tissues and waste products to pass from the tissues into the blood to be excreted

Circulatory system - All the body parts that work together to move blood around the body

Haemoglobin - A protein in red blood cells that holds on to oxygen before releasing it around the body

Platelet - A small cell fragment in the blood that clumps with others to stop bleeding

Vein - A type of blood vessel that carries blood back to the heart from other parts of the body

White blood cell - A type of blood cell that fights infection and other diseases