

In science we are learning about...

Animals including humans-The circulatory system

Key vocabulary

- **Circulatory system**- The system that circulates blood and lymph through the body.
- **Heart**- A muscular organ that pumps the blood through the circulatory system.
- **Lungs**- A pair of organs, the principal parts of the respiratory system, at the front of the cavity of the chest.
- **Blood vessels**- The flexible tubular canals through which blood circulates in the body. Arteries, veins, and capillaries are all kinds of blood vessels.
- **Blood**- A red liquid that flows through our bodies carrying oxygen and nutrients to different parts of our body.
- **Lifestyle**- The way a person or a group of people live, including their daily habits, choices, and behaviours.
- **Disease**- A condition that disrupts the normal functioning of the body or mind
- **Transportation**- The act of carrying or moving from one place to another.
- **Nutrient**- substance found in food that our body uses to grow, stay healthy, and function properly. Nutrients include things like vitamins, minerals, proteins



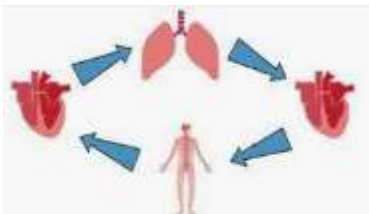
Sticky knowledge

- To know that the three main components of the cardiovascular system are the heart, blood vessels and blood.
- To know the function of the heart, blood vessels and blood in the circulatory system.
- To recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.
- To describe the ways in which nutrients and water are transported within animals, including humans.



Links to previous learning

- To know the main body parts and internal organs (skeletal, muscular and digestive system).
- To know how water is transported in plants.
- To know that animals need the right types and amount of nutrition, and they get nutrition from what they eat.



Scientific enquiry



Aspirations

- Nutritionist/Dietitian
- Cardiologist
- Exercise Physiologist



Our characteristics

- Curiosity
- Making Links
- Open minded

