

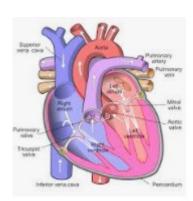
Knowledge Progression

What is the function of the heart?

What are the functions of blood?

Why do we need to drink water?

How can we maintain our bodies' wellbeing?



Year 6 Animals Including Humans Science Knowledge Organiser

Knowledge Skills Vocabulary



Curriculum Coverage

- Identify and name the main parts of the human circulatory system, and explain the functions of the heart, blood vessels and blood
- Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
- Describe the ways in which nutrients and water are transported within animals, including humans.

Skills Progression

To be able to identify scientific evidence that has been used to support or refute ideas or arguments.

To be able to plan an enquiry that will answer a question.

To be able to record data in a table.

To be able to present findings from an enquiry.

To be able to recognise which secondary sources will be most useful to research ideas.

Scientific vocabulary

Circulatory system - heart, blood, veins, arteries, pulse, clotting

Diet - balanced, vitamins, minerals, proteins, carbohydrates, sugars, fats

Drugs - caffeine, nicotine, alcohol, cannabis, cocaine, heroine

Lifestyle - healthy

Scientific enquiry

How does the heart ensure that my blood is pumped around my body?

What factors affect my heart rate and how?

How are the nutrients that my body needs carried around my body?

How does my body help to heal itself?

What are the effects of drugs, alcohol, diet and exercise on our bodies?