



Year 6 Animals Including Humans

Science Knowledge Organiser

Knowledge
Skills
Vocabulary



- 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?

- 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?

