

What I Need to Know: Y6 Science – Animals Including Humans

We nurture the curiosity to learn, the courage to lead and the compassion to care.

We are learning about the function of the heart, the circulatory system and the way in which nutrients and water are transported in animals, including humans. We will gain an understanding of the impact of diet, exercise, drugs and lifestyle on the way the body functions and at the end of the unit we will design an investigation to explore the impact of exercise on the heart.



Create, Communicate & Evaluate

- Design an investigation to explore the impact of exercise on the heart



Question, Reason, Discuss & Explain

- Explain the function of blood and blood vessels
- Explain the function of the heart and circulatory system
- Understand the ways in which nutrients and water are transported in animals, including humans



Know & Do

- Recognise the impact of diet, exercise, drugs and lifestyle on the way the body functions

Vocabulary I need to know...

heart, pulse, rate, pumps, blood, blood vessels, transported, lungs, oxygen, carbon dioxide, cycle, circulatory system, diet, drugs, lifestyle

Opportunities to support English and maths

- Skim and scan texts to retrieve information or quotes quickly and accurately
- Summarise main ideas from more than one paragraph
- Make and justify inferences with appropriate evidence from the text
- Provide reasoned justifications for their views, quoting evidence from across a text

Curriculum Links and Enrichment Activities

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