



St Luke's C of E Primary School – Topic Overview

Year 6 – Blood Heart

Enquiry Questions

What can your heart rate tell you?

What happens to food once we have eaten it?

What impact do unhealthy substances have on our bodies?



National Curriculum -

In Science, we are learning about the parts of the heart and the cardiovascular and circulatory system. We will finish the unit finding out about the effects of drugs and alcohol on the human body.

Using our DT skills, we will be learning about the 5 food groups and the importance of a balanced diet. We will end the project having designed a meal for an athlete and then creating and making this ourselves in school.

This half term in RE, we will be exploring the 5 pillars of Islam resulting in an outcome of how Muslims show commitment to God through these.

In PE, we will be doing Netball during our outdoor games and fitness in our inside games linked with our Science topic above.

For Computing, we will look at coding and how this can be used to create a game titled 'text-based adventure'.

In PSHE, we will be doing the topic through Jigsaw PSHE entitled 'Being me in my world'.

Key Topic Vocabulary:

heart circulation cardiovascular valves
 digestion blood vessels organs arteries veins
 amulet obelisk heart rate exercise health

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English - Reading

Our whole class book will be Wonder. We will be exploring basic retrieval questions and reinforcing the 'skim and scan' techniques in order to find the answers to questions. We will also explore the idea of 'point – evidence – evidence' for 2 and 3 mark questions.

English - Writing

Key Vocabulary

lashed vague caught sight vicious bear it carnage alike
ideal executed precision clasp efficiency postulated
ruthlessly

Fronted adverbials – words or phrases placed at the beginning of a sentence which are used to describe the action that follows.

Formality – the way a piece of work is written to appeal to a specific audience.

Subordinating conjunction – a conjunction that introduces a subordinate clause.

Maths

The children in year 6 will start the academic year by revisiting some of the key Place Value objectives learn during year 5 before progressing quickly onto their age-related learning. It is vital that children learn that place value columns follow consistent patterns (ones, tens, hundreds, followed by ones of thousands, tens and hundreds of thousands before reaching millions). This foundation supports the children's understanding and success in comparing, ordering and rounding numbers up to ten million. In addition to this, we will be revisiting the 4 operations using the formal written method alongside mental and pictorial methods to support the learning.

Key Vocabulary

Partitioning - Partitioning is the process of breaking numbers down into smaller, more manageable parts.

Place value – Place value is the value of a digit based on its position within a number



Maths

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