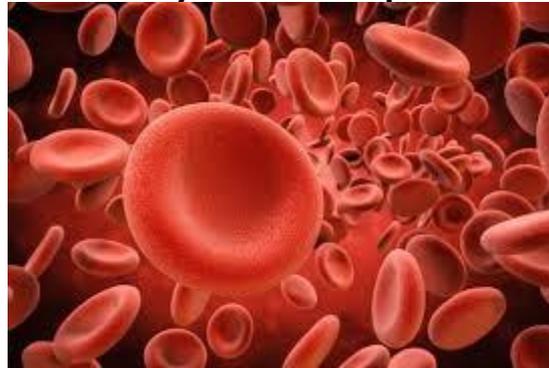


Why aorta keep fit



Introduction to our topic

This term we'll be learning about the Heart and how to keep it healthy. We are going to understand how the heart and lungs work, what we can do and eat/drink in order to ensure our hearts are healthy understand the impact of diet, exercise, drugs and lifestyle on the way our bodies function. At the end of the topic, we will get the chance to dissect a real pig's heart.

Our key learning this term

Personal and social development	<ul style="list-style-type: none"> - We will be valuing difference by looking at the qualities of friendships and looking at being happy with ourselves. - For our RSE unit, we will know the correct words for the external sexual organs; discuss some of the myths associated with puberty - -Define the word 'puberty' giving examples of some of the physical and emotional changes associated with it; - -Suggest strategies that would help someone who felt challenged by the changes in puberty - -Understand what FGM is and that it is an illegal practice in this country; - -Know where someone could get support if they were concerned about their own or another person's safety.
Oracy and Literacy	<p>Whole Class Text: Pig heart boy</p> <p>Writing: Rags to riches Explanation Text</p> <p>Poetry: 'Dulce et Decorum Est' by Wilfred Owen</p>
Problem Solving Maths	<p>Year 5/6 Division (short and long division), Common multiples and factors, prime numbers, square numbers, cube numbers, order of operations (BIDMAS). Fractions: equivalent fractions, simplifying fractions, converting improper fractions to mixed numbers, comparing and ordering fractions, carrying out the four operations with fractions and finding fractions of an amount.</p>
Technology	<ul style="list-style-type: none"> - Code using Python - Publish documents, considering formatting and layout as appropriate to the purpose and the reader
Science	<ul style="list-style-type: none"> - Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.

	<ul style="list-style-type: none"> - Recognise the impact of diet, exercise, drugs and lifestyle on the way their body function.
The Arts (Art & Design, Music, Drama)	<p>Art</p> <ul style="list-style-type: none"> - Design and create printing blocks/tiles. - Develop techniques in mono, block and relief printing. - Add collage to a painted or printed background. - Create and arrange accurate patterns. - Use a range of mixed media. - Plan and design a collage. - Based on the artists William Morris and Ben Giles <p>Music</p> <ul style="list-style-type: none"> - We will be following the Building a groove Sing-Up Unit this term with a focus on beat, rhythm, basslines and riffs. <p>Design & Technology</p> <ul style="list-style-type: none"> -Design and make a savoury dish that is good for the heart
Humanities (RE, History, Geography)	<p>History</p> <ul style="list-style-type: none"> - To put key milestones, in the history of the NHS, on a timeline <p>R.E.</p> <p>Christianity – God and Incarnation:</p> <ul style="list-style-type: none"> -Christians believe that “God is love” (1 John 4.8) – compassionate, all knowing (omniscient), everywhere at once (omnipresent), all powerful (almighty), pure, set apart (holy). -Christians believe that it matters what people do. When people treat others badly (sin) it makes God upset and angry. -Raise and suggest answers to relevant questions in response to their enquiry into what Christians believe about God.
P.E.	<p>Gymnastics:</p> <ul style="list-style-type: none"> -balance, different forms of travel and creating a routine; resulting in a House competition <p>Indoor athletics:</p> <ul style="list-style-type: none"> -throwing, jumping and sprinting -Whole Class tag-rugby competition
Modern Foreign Language (Spanish)	<p>Focus: At the café</p> <ul style="list-style-type: none"> -Remember and recall a wide variety of foods, snacks, and drinks (with their indefinite article/determiner) typically served in a Spanish cafetería. -To understand better how to change a singular noun to plural form. -Perform a short role-play ordering what they would like to eat and drink.
Activity Passport Experiences	
<p>This term we will have an opportunity to...</p> <ul style="list-style-type: none"> ✓ Examine a pig's heart ✓ Perform in a Christmas concert 	