

In Science, the children will:

- Draw and place organs on a human body to identify the major organs and their functions.
- Label diagrams of the heart to understand its functions.
- Understand the link between the heart and the lungs by becoming a class circulatory system.
- Understand how lifestyle choices and illness can affect the human heart.
- Describe the way in which nutrients and water are transported within the body.

In Geography, the children will:

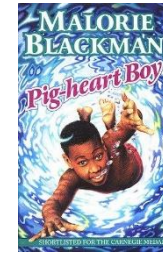
- Describe different types of local industry and explain how local industry has changed over time.
- List and locate local public services.
- Understand how developments can be sustainable and begin to generate sustainable development ideas that meet the needs of the community.
- To plan and carry out fieldwork.

In Design Technology, the children will:

- Use research and develop criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.
- Generate, develop, model and communicate ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.
- Select from and use a wide range of tools and equipment to perform practical tasks.
- Use a range of finishing techniques to ensure the product is aesthetically pleasing.

Year 6 03.01.24

Have a Heart



The human body is amazing! Every day the heart pumps, lungs take in oxygen and muscles keep the body moving. But how does it all work? And what would happen if it didn't function properly?

Cameron, the main character in Malorie Blackman's Pig Heart Boy, has difficulties with his heart and has some challenging decisions to make. He wants to be healthy but he may have to take a big risk. The tough decisions within the text will then be explored through our learning and culminate in a debate.

In English, the children will:

- Read Pig Heart Boy to develop empathy with the characters.
- Answer questions based on the text to deepen their understanding of the plot and characters within the text.
- Write diaries from a character's viewpoint to show understanding of their thoughts, emotions and decisions.
- Hold a debate to discuss issues raised in the story.
- Write a scientific report following investigations.
- Create informative leaflets.

Project Vocabulary

Arteries
Blood
Blood sugar
Circulation
Circulatory system
Donor
Exercise
Health
Heart
Insulin
Organ
Pulse
Skin graft
Transgenic
Transplant

For Design Technology, please can children bring in an old t-shirt. We will be upcycling and making a reusable bag.

Other books by Malorie Blackman:

A.N.T.I.D.O.T.E.
ISBN: 9780552551687

