

Curriculum Information Term 2

Bechstein's Year 6

Blood Heart



English We will be reading 'Pig Heart Boy' written by Malorie Blackman OBE who is a British writer that held the position of Children's Laureate from 2013 to 2015. We will complete an in depth study of her focusing on her struggles when becoming an author.

In our writing we will be learning to:

- compose shape poetry
- write an alternative narrative
- explain how the heart works

We will continue with our class reading challenge this term: children need to be reading at least 5 times a week at home and recording it in their reading journals. They should also complete a choice of activity in their reading record each week as part of their home learning.

Maths

We will be learning to:

- solve word problems
- find common factors/multiples/prime numbers
- simplify, compare and order fractions
- add, subtract, multiply and divide fractions

At home you could...

- Draw and label the heart
- Research the components of blood and write a short report about the function of blood
- Create a guidance poster to keep the heart healthy
- Research the work of William Harvey. How was he significant?

During this half term, the children will be immediately be engaged in our Science-driven topic **Blood Heart** through a pig heart dissection and through the scientific and moral discussions that will arise from our class reader 'Pig Heart Boy.'

In science, we will be learning about the human circulation system. Children will learn to link together learning about the heart, blood and circulation. They will also learn what we can do to keep this vital system healthy through choices related to food, exercise and habits. We will be learning about some famous scientists including: Marie Maynard Daly, who was the first African-American woman in the United State to earn a Ph.D in chemistry and Dr Daniel Hayle Williams , who designed the first prototype open heart surgery.

History: We will be learning about how Charles Richard Drew, who was an American Surgeon, used his expert knowledge to develop large-scale blood banks early in World War II.

DT: We will design, make and evaluate a toy for a younger friend as a Christmas present.

Computing: We will develop our knowledge and understanding of using a computer to produce 3D models. We will familiarise ourselves with working in a 3D space, including combining 3D objects to make a house and examining the differences between working digitally with 2D and 3D graphics. We will progress to making accurate 3D models of physical objects, such as a pencil holder, which include using 3D objects as placeholders. Finally, we will examine the need to group 3D objects, then go on to plan, develop, and evaluate our own 3D model of a photo frame.

Music: In music, we will be composing a simple song about different parts of the body using some tuned percussion instruments. We will also be preparing a number of different items for the Christmas Performance.

PE: In P.E. this term, through the sport of netball, children will be learning to throw and catch large and small balls one and two handed and in combination with running and dodging. They will also develop their leadership skills by leading groups and teams.

RE: We will answer the question: Do Christmas celebrations and traditions help Christians understand who Jesus was and why He was born?

PSHE: This term, we will be exploring ways that we value differences. We will discuss what makes each of us unique and how we can be respectful of each other's differences.