

Mortimer St. Mary's Project Overview

Blood Heart (4 Weeks)		
Rationale After a visit from a charity officer from the British Heart Foundation (BHF) the children will investigate the functions of the heart. By becoming heart surgeons themselves they will dissect a heart (a sheep's heart) and learn through real life experience how the blood travels through the heart and then on to the rest of our body. Through research and taking part in workshops the children will learn the effects of drugs, exercise, diet and lifestyle on our health and they will plan and deliver teaching videos to promote this. This ultimately will lead to a BHF fundraiser being put on by the children to raise money and also raise awareness of the importance of living a healthy lifestyle.		
Hook A representative from The British Heart Foundation will visit Y6 with a plea for their help. They will be asked to put on a fundraiser to students and parents which helps raise money for the charity and also promotes learning on how to keep your heart healthy.	Outcome Y6 will lead a British Heart Foundation fundraiser in the school hall. Pupils and parents will be invited to help raise money for charity and also spend some time learning about how to keep their hearts healthy including diet and exercise.	
MSM Winning Wisdom Ways: Delving Dolphin – Knowledge Harvest. Planning Puffin – Route Master.		
Steps to success		
Lead 1: Science To name the main parts of the human circulatory system. To describe the function of the heart. To describe the function of the blood vessels. To describe the function of blood. To recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. To describe the ways in which nutrients and water are transported within animals, including humans.	Lead 2: English To write two explanation texts which explain how the heart and blood including vessels function. To debate a controversial issue. To write a balanced argument text linked to the class novel Pig Heart Boy – Should Cameron Kelsey have a pig-heart transplant or not? To write a non-chronological report linked to the impact of diet, exercise, drugs and lifestyle on the way their bodies function.	Lead 3: PE To explain the benefits of physical exercise on our body and to explain the benefits for our mental health. To investigate and evaluate the impact exercise has on our heart by exploring heart rate and our fitness levels in circuit pe. To demonstrate improvement to achieve my personal best.
Application Subject: ICT Children to plan and perform a video which will teach others the names of key parts of the heart and will explain its function. The children will also explain the effects of poor lifestyle choices on the heart in the teaching video. This will be shown in the fundraiser to raise awareness of the importance of living a healthy lifestyle.		
Application Subject: PSHE Children to research and explain impact of diet, exercise, drugs and lifestyle on the way their		

bodies function. They will know how to recognise and respond to pressure from others to do something unsafe or that makes them feel worried or uncomfortable. Know when it is right to keep or break a confidence or share a secret. Know how to report concerns and seek help if worried or uncomfortable about someone's behaviour.

Visits and Visitors

A heart surgeon will be invited to talk to Y6 via video link and answer questions that they have.

Possible school nurse visit too and drug awareness workshops with Narconon Drug Education.

Role Play

Heart surgeon.

Teacher.

Home Learning

To create a 3D abstract model or sculpture of the heart which includes its individual components. This will support explanation writing in Literacy and they will be displayed during the fundraiser to reinforce the hearts function and how it works.