



## Blood Heart

### Let's explore our circulatory system!

At the start of our project, we'll look in detail at the cardiovascular system, we'll evaluate what we think a heart looks like versus what it actually looks like! We'll discuss how it works and watch a video of an animal heart being dissected, finding out about the different parts and how the blood flows. We will discover how to keep our hearts fit and healthy and research, shop for and create healthy recipes.

On our laptops, we will use software and models to learn more about how the circulatory system works. We'll use a data logger to measure our heart rates and test how it is affected by exercise, we will see if we can alter this over time by repeating exercises and being more physically active.

In D&T and Art, we'll make model hearts, and test materials before making our own stethoscopes.

We'll read shape poetry, and write poems inspired by the heart, using our personification skills. We'll visit the 'Give blood' website, and make a flow diagram to illustrate the circulation process and create adverts encouraging those around us to 'give blood'.

We will look at Muhammed Ali – 'The Greatest', who is not only famous for his physical strength but also his courage and compassion for following his heart in the face of adversity and write a Biography about him.

Our class text will be 'Pig Heart Boy' and we will walk alongside Cameron (the main character) as he battles one of the most difficult decisions of his life!