

Blood Heart



Let's explore our circulatory system!

At the start of our project, we will be finding out about the different parts of our heart and how the blood flows. WE might even get the chance to dissect a real animal heart! Afterwards, we'll write reports about what we have learnt and 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'll also be making model hearts, and test materials before making a stethoscope. As part of our music work, we'll use our bodies as percussion instruments and feel our pulse. We'll read shape poetry, and write poems inspired by the heart. We'll learn about how smoking affects the heart and write adverts to persuade people to stop smoking and visit the 'Give blood' website to learn more about how we can help those around us. At the end of the project, we'll create informative fact files to share all that we have learned.

Topic focus:	Science
Science:	Human circulatory system, measuring heart rate, blood group history, lifestyle effects
Art & design:	Modelling and sculpture, abstract art
Computing:	Using websites, flow diagrams
D&T:	Selecting tools and equipment, healthy recipes, product packaging, working models
Music:	Pulse, heart raps
PE:	Cardiovascular exercise

Help your child prepare for their project...

Your heart will be with you forever, so it's important to look after it. Why not research heart-healthy foods together and try out delicious, nutritious recipes that will make your heart happy? You could also set up an obstacle course in the garden and take each other's pulse before and after exercise to see how it changes. Alternatively, you could investigate advice for keeping your heart healthy and make an informative poster.