



Falconhurst School Autumn 1 2020

Year Group: Six

Pathway: Can I save a life?



Crimson, scarlet, burgundy, cherry...blood flows through our bodies in all its vibrant shades of red. This half term, we are going to think about the most personal space we possess - our own bodies. Now surgeons do not be squeamish as we dissect an animal heart to explore our circulatory system and examine the veins, arteries and chambers up close. We will find out how to keep our hearts happy with cardiovascular exercise and healthy food. We will also create a campaign to spread the word about the damage caused by smoking, to the lungs and heart. As part of our music work, we will also use our bodies as percussion instruments and feel our pulse. In our English lessons, we will enjoy the book 'Pig Heart Boy' by Malorie Blackman, which follows the life of a boy who needs a lifesaving heart transplant

Our Drivers for Learning and Success are:

Possibilities

To help us build aspiration for our futures through enquiry, enterprise and an appreciation of diversity we will:

Be inspired by science that is used in the medical profession.

Knowledge of the World

To develop a sense of cultural capital which helps us to recognise, understand, value and learn from the world around us so that we are ambitious for our future, we will:

Learn about life-saving treatments that are possible due to advanced medical treatments. We will learn basic life-saving skills that can be used in emergencies.

Well Being

To embed our healthy physical, emotional and mental wellbeing which builds our resilience and keeps us safe, we will:

Learn about the impact of healthy life styles on ourselves. We will create healthy foods and think about changes we can make to be healthier. nhsically and

THE HOME-SCHOOL



CONNECTION

If you work in the medical profession, we would love you to come and talk to the children about your job so please get in contact if this is something you would be happy to do. Please ensure you have signed up to Class Dojo for any further information about family visits.

	New Knowledge and Skills	Build on our Prior Knowledge and Skills	Vocabulary		Home Links
<p>As Scientists we will...</p> 	<ul style="list-style-type: none"> Recognise the importance of diet, exercise, drugs and lifestyle on the way the human body functions. Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. 	<p>In year 4 children will have identified that animals, including humans, need the right amount of nutrition. They will also have described simple functions of the skeleton, muscles and digestive system.</p>	<p>Heart Lungs Vein Organs Aorta Artery</p>	<p>Vena Cava Functions Circulation Vessels Lifestyle Capillaries</p>	<p>Find out information about the heart and healthy lifestyles:</p> <ul style="list-style-type: none"> https://www.bbc.com/bitesize/clips/zncg9j6 https://www.bbc.com/bitesize/topics/zrffr82
<p>As Designers we will...</p> 	<ul style="list-style-type: none"> Demonstrate a range of baking and cooking techniques to create healthy foods. Create and refine recipes including ingredients, methods, cooking times and temperatures. 	<p>In Lower Key Stage Two, children will have followed a recipe by assembling and cooking ingredients.</p>	<p>Recipe Preheat Boil Simmer Kilograms/grams Milliliters/ liters</p>		<ul style="list-style-type: none"> Research information and plan ideas for a weekly menu of food that your heart would love. Help your family with the cooking. Find out about ingredients by reading the labels. How much sugar and salt does what you are eating have in them?
<p>As Artists we will</p> 	<ul style="list-style-type: none"> Name artists and describe art work who have used love as an inspiration for their work Discuss and compare the colours, symbols and emotions used in the work studies Use Gustav Klimt and other artists to inspire our own work Use oil paints to manipulate lines, pattern, colour and texture in our work. 	<p>In Year Five, children will have discussed artists and work that shows love using the book 'Princess Blankets' They will have used paint to experiment with colour line and texture.</p>	<p>Insight Perspectives Captivate Immortality Enduring Irresistible</p>		<ul style="list-style-type: none"> Collect and copy images of artists that use love as inspiration <ul style="list-style-type: none"> - Peter Paul Rubens - Rembrandt - Augguste Rudin
<p>As Computer Users we will...</p> 	<ul style="list-style-type: none"> Select appropriate applications to devise, construct and manipulate data and present it in an effective and professional manner based on heart rates and exercise. 	<p>Children will have previously devised a database using applications in areas across the curriculum</p>	<p>Pulse/heart rate Manipulate</p>		<ul style="list-style-type: none"> Measure your family's resting heart rates before putting them through their paces. Ask them to hop, skip, jump and run, measuring their heart rates after each activity. Fill in a spreadsheet with