

# What makes your heart skip a beat?

*As writers* we will explore the features of a non-chronological report. Also, we will be able to explain the uses of colons and semi-colons and we will be able to apply these to our writing. We will apply our knowledge of similes, metaphors, personification, alliteration, onomatopoeia, rhyme and rhythm to a piece of shape poetry about the heart. We will consider how we can use vocabulary for effect in order to create a story that uses personification.

*As mathematicians* we will :

- To solve problems using the relative sizes of two quantities where missing values can be found.
- To solve problems involving similar shapes where the scale factor is known or can be found.
- To draw 2D shapes using given dimensions and angles.
- To compare and classify geometric shapes based on their properties.
- To recognise where angles meet at a point on a straight line, vertically opposite and finding missing angles.
- To illustrate and name parts of a circle, including radius, circumference and diameter.
- To use nets to recognise, and build 3D shapes.
- To solve number and practical problems.

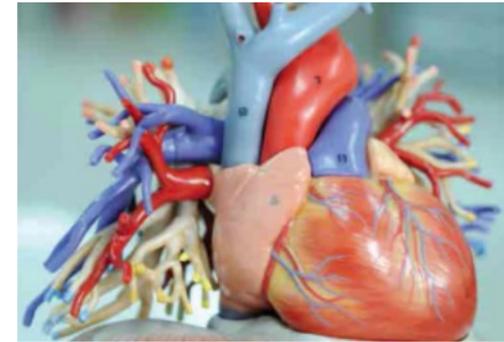
*As Artists* we will: use the anatomical model of the heart as our inspiration. We will use recyclable materials to create a model of the heart. Use a variety of brushstroke techniques to create a technical diagram of the heart. We will also use the colour red to inspire a piece of abstract water colour art.

GFS Learning Hive—As 21st Century Learners we will			
 ENGAGE	 COMMUNICATE	 CONNECT	 INNOVATE
We will create a model heart from recyclable materials, using anatomical diagrams.	We will work together to debate the metaphorical representations of a 'broken' or 'lost' heart in literature and compare this to a literal 'broken heart.'	We will connect our knowledge of a heart-healthy lifestyle to our current situation of social distancing.	Design and create a healthy meal plan and pitch our ideas to teachers and parents.

*This half-term we will:* discover how blood flows through our body, don't be squeamish! We will create 'fake blood' in order to investigate how hard veins, arteries and valves work to pump blood around our bodies. Hearts pound, flutter and maybe even skip a beat! What makes your heart race?

We will be checking out the most common blood groups and exploring why people donate blood. We will investigate how to keep our hearts healthy with cardiovascular exercise and healthy eating.

We will become innovative inventors and design a healthy meal plan that will encourage a heart-healthy lifestyle.



*As readers* we will:

- Use bug club, audible or favourite text—try and make it relevant to 'Bloodheart'.
- Use and develop our inference and deduction skills.
- Enhance our existing inference skills by making predications.

*As scientists* we will: identify and name the main parts of the human circulatory system. We will investigate how different factors effect heart rate. We will explore different blood types and blood groups. Recognise and describe the impact substances have on the body.

*As historians* we will: consider and compare how medical science has developed over time. We will use this analysis to predict possible future medical advancements.

*As design and technologists* we will: create a model heart, and make a heart healthy meal.

*As users of technology* we will: challenge existing gender stereotypes that are portrayed in the media.

*As citizens' of the UAE* we will: consider how we can keep healthy at home in the UAE in our current situation.

GFS Curriculum Drivers linked to the National Agenda		
Enterprise and Innovation	Eco and Environment	Inclusive Communities
<i>As enterprising children</i> we devise a business plan for our healthy meal product, considering, costing, demand and market.	<i>As people concerned with the environment</i> we will consider the impact of harmful substances on our bodies and the environment.	<i>As members of a community</i> we will engage in P.E. with Joe Wicks online and consider how we can stay healthy at home!

Opportunities for Enrichment	
Distance Learning	Extra activities
<ul style="list-style-type: none"> <li>♦ Create our own model hearts.</li> <li>♦ Design a healthy meal plan.</li> </ul>	<ul style="list-style-type: none"> <li>• Watch P.E. with Joe Wicks lie on his YouTube channel at 1pm each day!</li> </ul>