Y6 Spring 2 Home Learning Project
TASK 1 - Heart Job Description

During this half term, in Science, Class 4 will be studying **Animals Including Humans**. As part of this unit, we will be learning about: the structure and function of the circulatory system; components of the blood; types of blood vessels and their function; how to keep the heart healthy; and different blood disorders. The first task of our Spring 2 HLP is to create a job description for the heart. When a company is advertising a job, this is the information/criteria that they might provide:

- **Location:**
- **Department:**
- **Working Hours:**
- **Work colleagues:**
- **Job purpose:**
- **Duties:**
- **Salary:**

1. Click on the link below and watch the BBC video about the heart https://www.bbc.co.uk/bitesize/articles/zm6xvk7. Listen carefully to the key information and make notes on any details that could help you to fill in your job description.

2. Now it is time to start your job description. How you decide to present it is up to you (you can be as creative as you wish. You may want to add illustrations) but you MUST ensure that you have included all of the 5 areas (location, department, work colleagues, job purpose and duties). I have included a word bank which may help you to including as much key scientific vocabulary in your job description as you can.

heart	circulatory system	lungs	veins	arteries
pumps	flow	nutrients	transported	muscle
chambers	blood	transports	oxygen	carbon dioxide

Here is an example of a job description for the eyes:

- **Job Title**: The Eyes
- **Location: The face** - siting in the bony cavities called the orbits, in the skull.
- **Department**: The sensory nervous system department
- **Working Hours:** 7am – 8pm, 7 days a week (hours may vary)
- **Work colleagues:** The optic nerve and the brain
- **Job purpose:** To allow a person to see their surroundings
- **Duties:**

- To instantly adjusts the amount of light that enters the eye
- To adjust the lens so that it can focus on objects near and far
- To produces continuous images on the back of the retina
- To instantly transmit images from the retina to the brain via the optic nerve
- To produce tears to keep the eye moist
- To drain tears when appropriate

- **Salary:** NA

TASK 2 - Heart Drawing/Model

For this task of the Home Learning Project, I would like you to draw, paint or create a model of the heart and the circulatory system. Check out some of the wonderful: models, posters and diagrams below.

Here are some useful websites:

https://www.bbc.co.uk/bitesize/articles/zm6xvk7

https://kids.britannica.com/kids/article/heart/353235

https://www.youtube.com/watch?v=Vot7V7_2UoI

https://www.youtube.com/watch?v=tg_ObDJEaGo

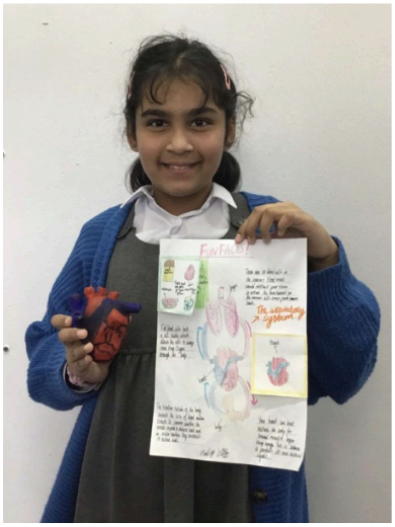
https://kidshealth.org/en/kids/heart.html

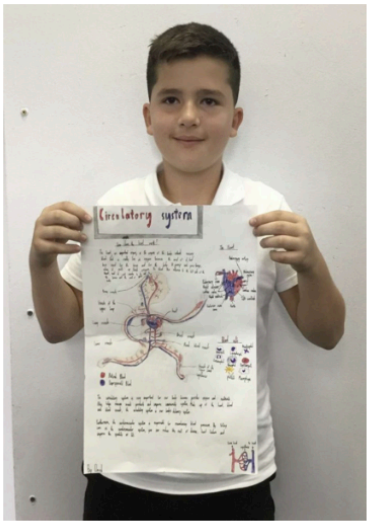
Just for a little fun!

https://www.youtube.com/watch?v=wPHCagLk8uE









TASK 3 – Heart & Circulatory Quiz

For this task, I would like you to invent/create a quick quiz about the heart and circulatory system. Your quiz will test the understanding of the children in Class 4 and may be written or created digitally!