

Monday 03<sup>rd</sup> June 2024

Dear Parents / Carers

### Year 6 Letter – Science Activities

This half term, during science, we will be completing a range of Science activities to ensure the children are secondary ready. Previously, we have learnt about Humans and Animals.

This involved looking at:

The heart

Blood

Diffusion

The circulatory system

A healthy diet

Later this week, we would like to dissect a lamb's heart. We are fully aware that this will not suit all the children, but it is a wonderful opportunity for those that do wish to take part.

The children will be given the chance to watch an adult dissect the heart in order to look in detail at a heart and the relevant valves and arteries. They will not touch the heart.

#### We will be looking for:

- 4 heart chambers – 2 atria (top) 2 ventricles (bottom)
- Left & right-hand side of the heart and why 1 side is larger than the other (The right-side pumps blood to the lungs. The left side pumps blood to the rest of the body)
- Aorta (artery – oxygenated blood) much larger than a vein
- Pulmonary vein (vein from lung)
- Inferior & Superior Vena Cava
- Valves

We will discuss and ensure all children wash their hands with anti-bacterial soap afterwards.

If you have any queries, or do not wish your child to participate, please feel free to talk to discuss them with a member of the year 6 team or a senior leader.

Best Wishes



Mr O Phillips  
Headteacher