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Dear Parents and Carers,

Year 6 Heart Investigation

I am writing about an up-coming lesson which I plan to carry out with Year 6. As you may already know, Year 6 have been looking at the human circulatory system as part of our topic 'Humans Including Animals'. This has been immensely interesting due to the children being so inquisitive and engaged. The questions and discussion that have led from this topic has made me immensely proud.

As part of the topic we will be looking at the heart and how it functions and its role within our body. I am a big believer that children learn best from hands on experiences. It allows them to explore and consolidate concepts and by being hands on is certainly more memorable.

For this reason, I would like to lead a lesson on the heart by bringing in some real sheep's hearts into the classroom for the children to see, touch, and look at closely. The hearts will be provided by a local Northampton butcher and the lesson will be conducted in a sensitive way to ensure that no child is made to do or touch anything that they feel uncomfortable with.

We will look closely at the shape of the heart to clear up any misconceptions. We will also look at the main arteries and veins and how the wall of these blood vessels differ. They will be able to compare the diagrams we have looked at in class to a real heart. The children will be provided with gloves and although they will be working in pairs it will be a teacher led investigation.

Science is such a vast subject that can lead into so many different careers. By sparking the children's interest with practical activities, I hope to install a fascination and enthusiasm for a subject which will play a large part in their secondary school curriculum. Children love a challenge and always rise to the occasion.

If anybody feels very strongly about this lesson and would like to talk to me please contact the office to arrange an appointment. I can't wait to share with you some pictures of what will be a very lively and exciting lesson.

Best wishes,

Sophie Maule

Y6 Teacher

