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Friday 8<sup>th</sup> March 2019

Dear Parents / Carers,

RE: Tuesday 12<sup>th</sup> March – Science Lesson with Miss Hayden

We have worked very hard during our Science lessons this term and we have covered: The Circulatory System (The Heart, The Lungs, blood and blood vessels including Pulse Rate Investigation).

And the respiratory system, looking at how we breath and how our lungs work.

During science week, we would like to do an informal dissection of a pig's heart. I am aware that many of the children may be wary of this, and we've had a mixed response of them wanting to do it and not wanting to do it! I am fully aware that this will not suit all the children, but it is a wonderful opportunity for those that do wish to take part. This will be a very informal dissection with children working in groups to locate different parts of the heart that they have already looked at. They will have an opportunity to touch and examine the heart whilst wearing gloves.

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 be following risk assessment procedures. This is available to you if you so wish. If you have any queries, please feel free to speak to me.

Yours faithfully,

Louise Hayden.