

SCIENCE FOR THE SECOND WEEK OF JUNE 2020

Firstly, here's where we are up to in learning about the systems of the human body

Last week, we covered the main parts of the Respiratory System and the Circulatory System. Here are the most important bits of what you really should now know...

We breathe air into our lungs and the oxygen from that air is absorbed into blood sent from the heart. This happens at the same time that carbon dioxide carried in the blood stream is released back into the lungs to be breathed out.

That oxygen which is now in the blood next to the lungs is carried back to the heart. From there, this *oxygenated* blood is pumped around all of the rest of the body. Oxygen is needed everywhere – in your fingers, toes and brain and even in the solid parts of the heart itself. Spreading it to absolutely everywhere then collecting back the waste is the main job of the Circulatory System, using thousands of tubes (*arteries, veins and capillaries*) to do it).

A separate system in your body – one of the biggest of all in size and weight of the organs – is the one you use for eating and digesting food. Not surprisingly, this is called the Digestive System. You should already know quite a lot about this one from either Year 4 or Year 5. This means there is no need to start at the beginning!

Here is all the key vocabulary... but not quite...[TASK 1]...

- A L_v__ P_nc__s G__l Bl____r
- B St____h S_ll Int__t__
- C M____h T____h T__gu_ S__iv_ Enz_____
- D A__s L____e Int_____ R_c__m
- E Oes_____S ... which is a difficult spelling!

Once you have worked out what all those words are, put the five groups (A,B,C,D,E) in the order that they are used by your body to digest your food.
[TASK 2]

I think that the correct order for digestion is:

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