

# Science

## Human Lifecycle

Spring 2022

Class Lynher

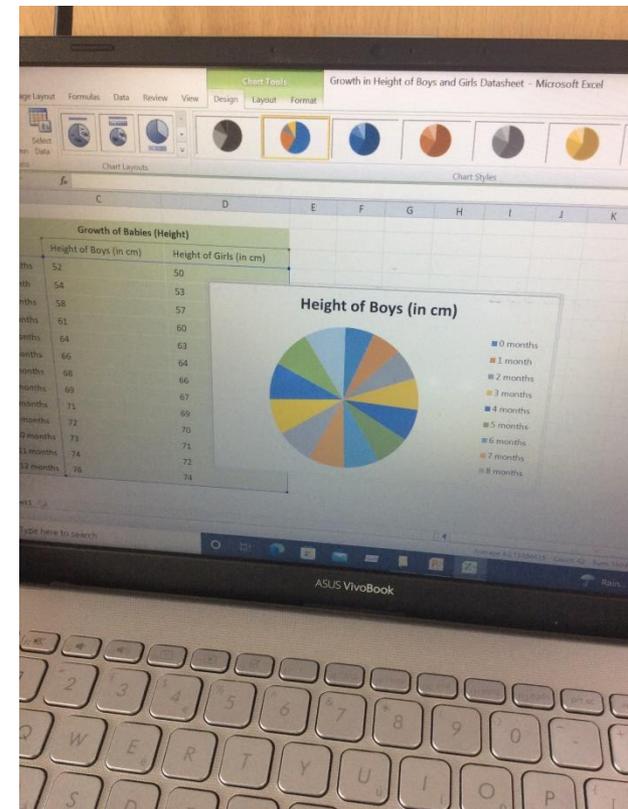
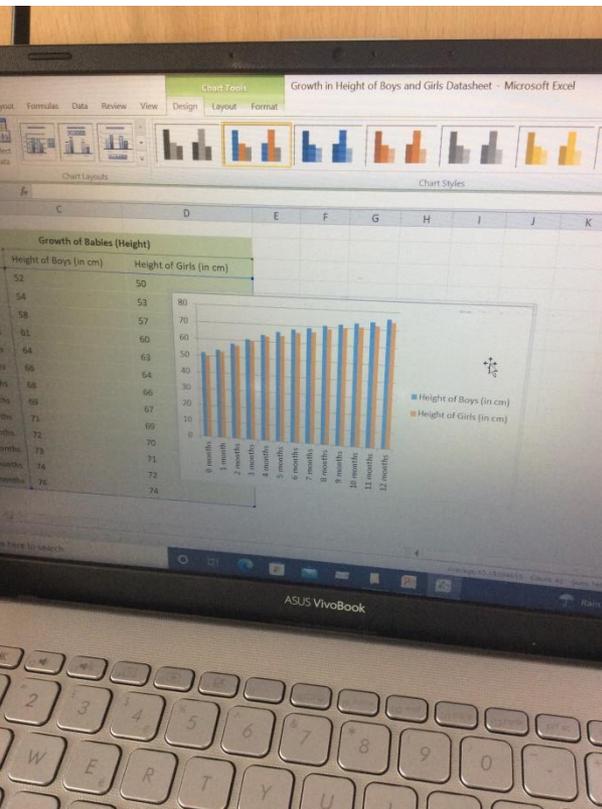


We learnt how the lifecycle of a human can be split into different physical stages. We learnt a little about what happens in each stage. Then we independently matched the stages to the ages and added information.

We learnt that changes take place throughout life. We thought infancy was the stage where you changed the most.



We looked at data on the growth of children in infancy. In order to see it more clearly we then made it into a graph. We looked at different graphs to see which would be best to use and why.



To begin we recapped the stages of development from last week and then focussed on the stage of puberty.



We did a fact or fiction quiz. Some of the answers surprised us.

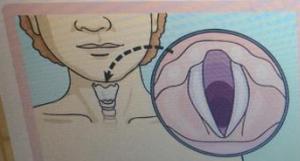
We looked in more detail at the changes that take place for boys and girls.



Finally we looked at changes that other animals go through in puberty.

## The Facts

What's Going on Inside Boys?



This is the development of the larynx.

This happens to both boys and girls but boys' develop more so have deeper voices.

More laryngeal cartilage is needed to make a deeper voice. This is why boys develop visible 'Adam's apples'.

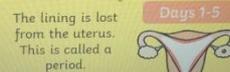
## The Facts

What's Going on Inside Girls?

### Menstrual Cycle (Period)



Ovaries produce the hormones oestrogen and progesterone. They also produce eggs. All girls going through puberty start their periods - this means they have started to produce eggs.



The lining is lost from the uterus. This is called a period.



The lining of the uterus will stop developing if the egg is not fertilised.



The egg is released into the uterus.

The lining of the uterus starts to thicken ready to receive an egg.



Hair  
Physical abilities  
height  
wrinkles  
Skin  
eye sight  
teeth  
Balance

Get grey hair  
Get more teeth  
Bad eyesite  
Tooth buds change  
Bones get weaker  
They get wrinkly  
They knoll eye  
You shrink  
lose hair

First we noted what we thought changed as we go into old age. Then we did a true or false quiz before reading a fact file on what actually happens and whether it happens to all or some people. Finally we made posters about the key changes.



**OLD AGE**  
How old age affects you !!!

When you are old your hearing decreases  
Your vision will worsen  
Less cells will be produced which means you heal slower

Also you become more fragile  
You lose 10 to 15% of your muscle mass and strength  
Your skin becomes thinner and more wrinkled  
PA you have done well to explain interesting facts about old age. Next time you could explain about false facts.

Old age is the last stage to human development so gently you die after this stage. There are some of the changes you will experience.

PAI have looked at old age and looked at some of the changes that might happen  
NB: To look at the illnesses old people get



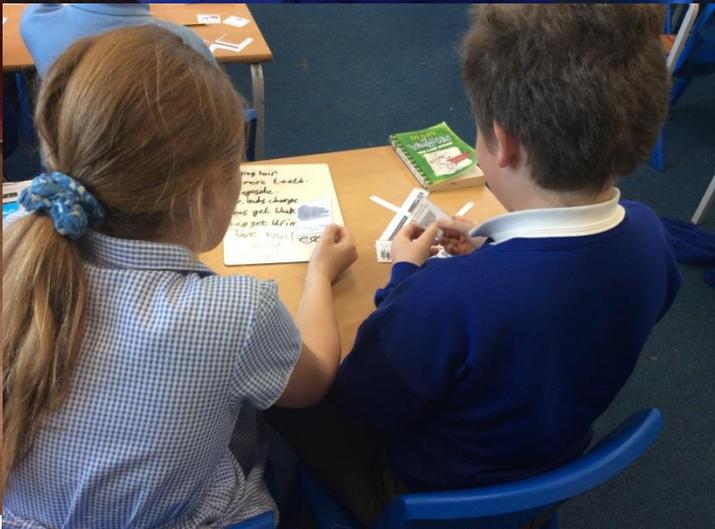
**OLD AGE**

Less blood flow  
Decrease hearing especially the outside  
A less more light is needed  
B muscle levels  
Can't sleep meaning older people can be "slower"

PAI have done well to explain interesting facts about old age. Next time you could explain about false facts.

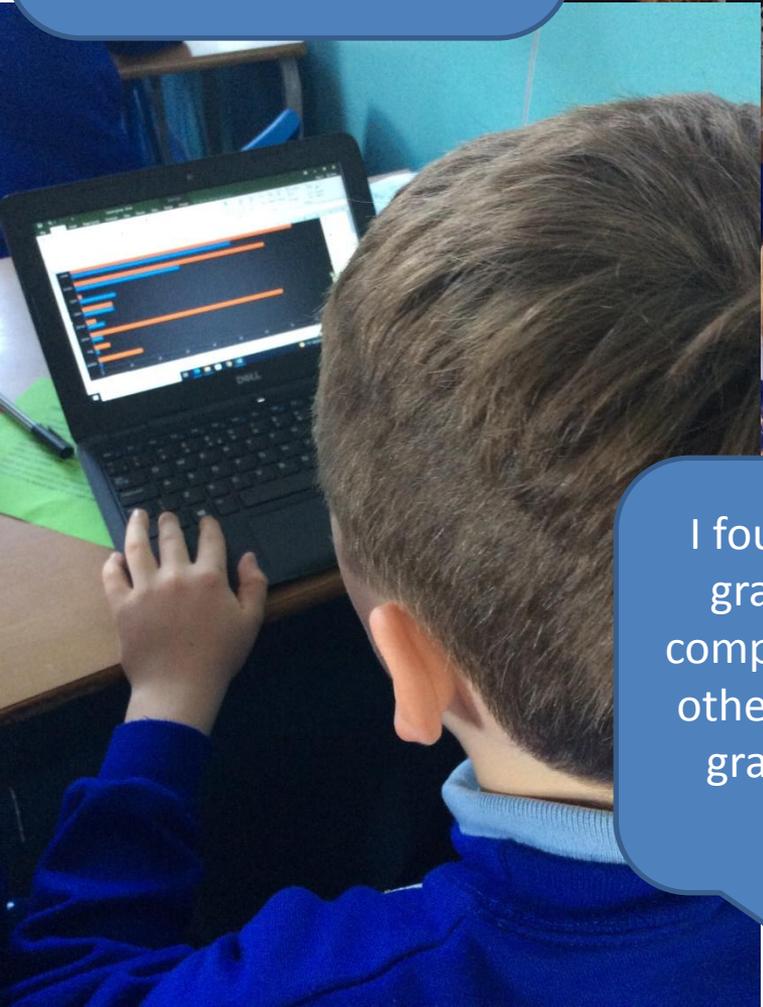
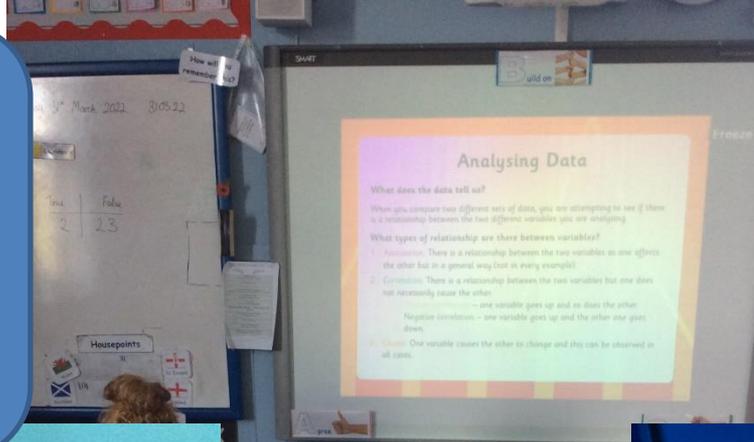
SA I have used Epsal to create a poster about interesting things about old age

NB: To look at the illnesses old people get



I found out that some of the things I thought were facts about old age were actually false.

In this lesson we chose a graph to represent two different variables and then tried to see if there was a pattern in the data.



I found that some of the graphs were harder to compare the two sets than others. We went for a bar graph which showed it clearly.

