

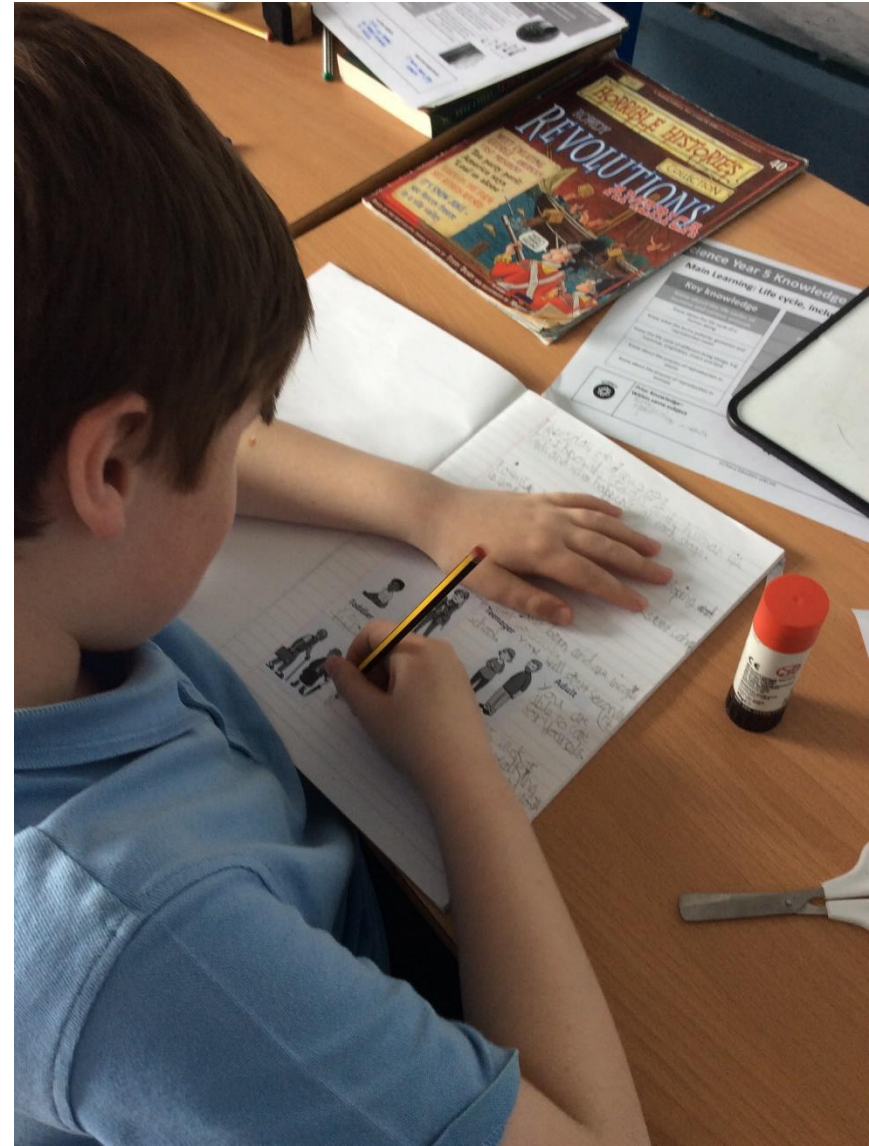
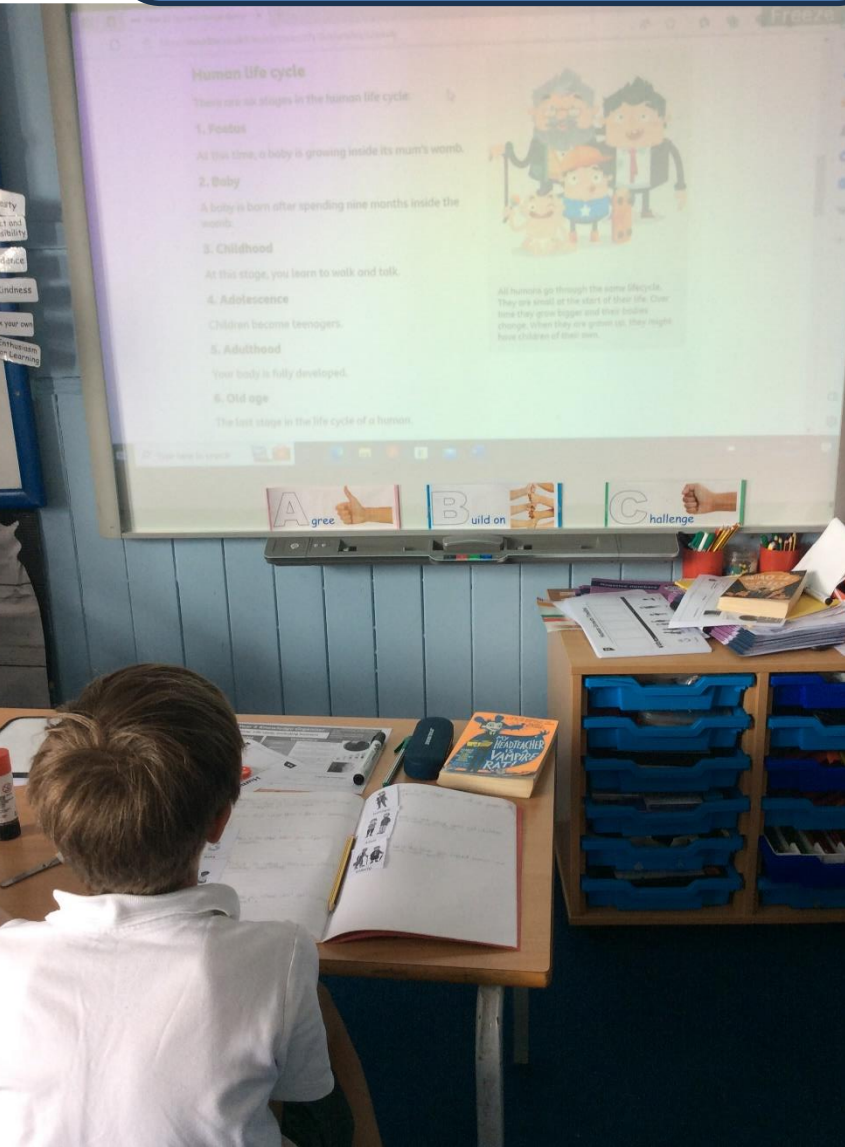
Science Lifecycles

Summer 2 2023

Class Lynher

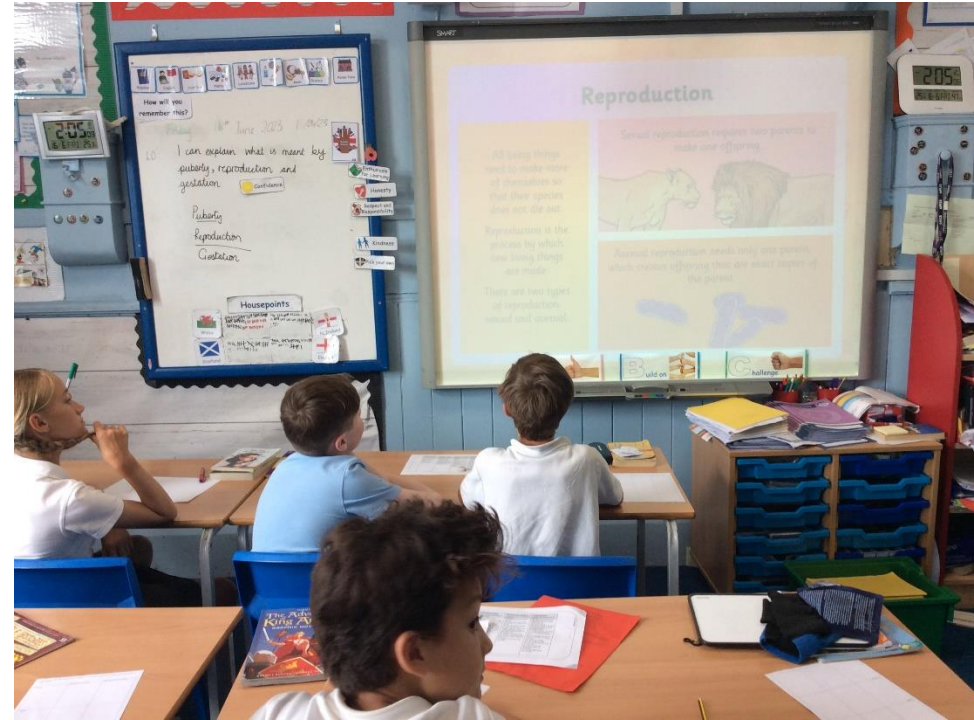
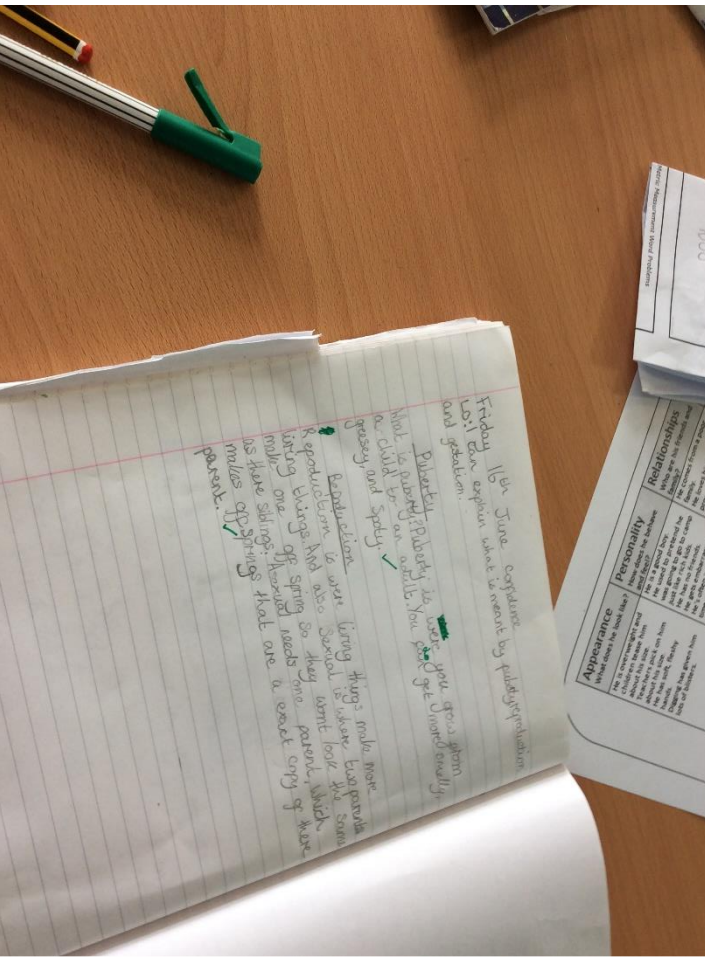
In our first lesson we looked at the life cycle of a human and described the changes as we develop to old age.

I remember that a foetus can be the size of the dot from a pencil.

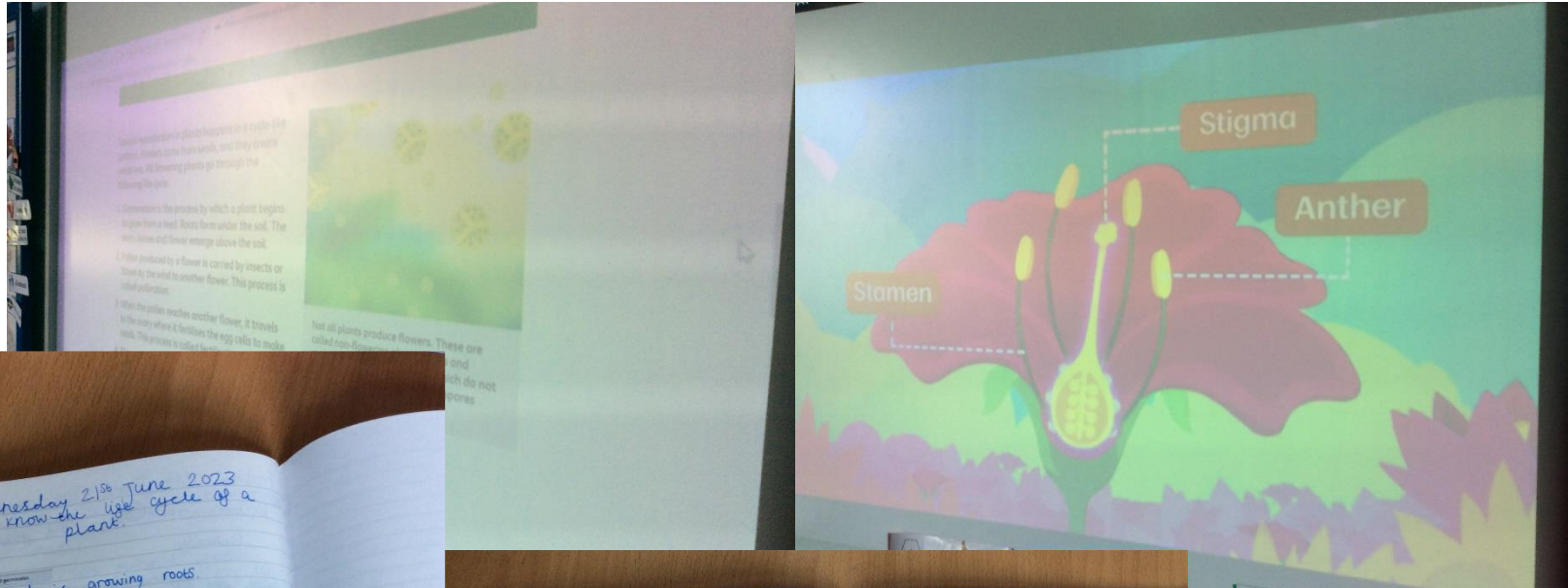


In this lesson we focussed on the key vocabulary of puberty, gestation and reproduction.

For gestation for some animals the bigger the animal the longer they take to develop.



We learnt about the lifecycle and reproduction in a plant.



Wednesday 21st June 2023
 L.O: I know the life cycle of a plant.

A seed germinates
 The seed is growing roots.

Plant grows and eventually flowers
 The plant grows leaves or petals.

Real butterfly visits flower and is attracted to pollen
 A bee or butterfly rubs on the pollen and takes it to another flower.
Real butterfly visits another flower and the pollen rubs onto the stigma
 It rubs the pollen from the other flower ~~and~~ onto the second flower.

Flower dies and seed pod develops. Some plants develop fruit around the seed, for example, strawberries
 That's the end of the plant's life cycle.

Seed dispersal
 The seeds from the flower fall on the floor or get attached to animals or float in the air and then another seed can grow.

SA: I understand a plant's life cycle.

NS: Next time I would like to do something else like this.

Wednesday 21st June 2023 confidence
 L.O: I know the life cycle of a plant.

A seed germinates
 a seed grows and makes roots

Plant grows and eventually flowers
 it grows leaves and then grows flowers

Real butterfly visits flower and is attracted to pollen
 the bee/butterfly rubs against the stamens

Real butterfly visits another flower and the pollen rubs onto the stigma
 the seeds are formed in the ovary where pollen goes down to.

Seed dispersal
 the seed travels to another plant to start again.

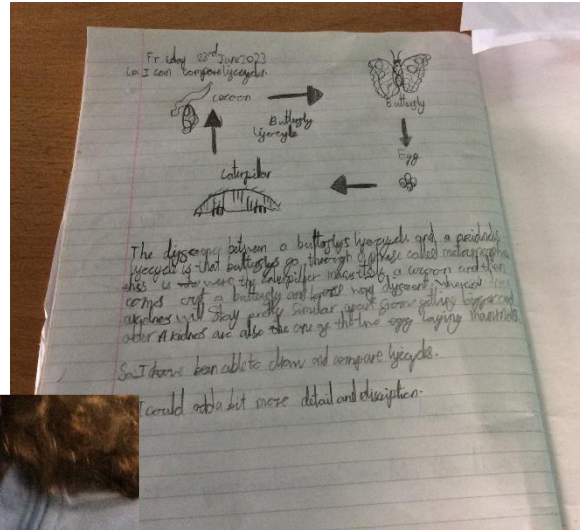
Flower dies and seed pod develops. Some plants develop fruit around the seed, for example, strawberries
 they can travel by water, air/wind and animals.

SA: I feel confident with this topic.

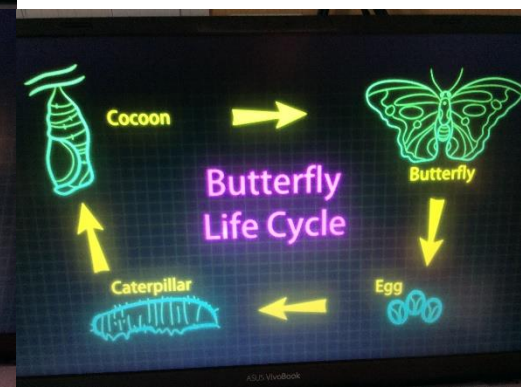
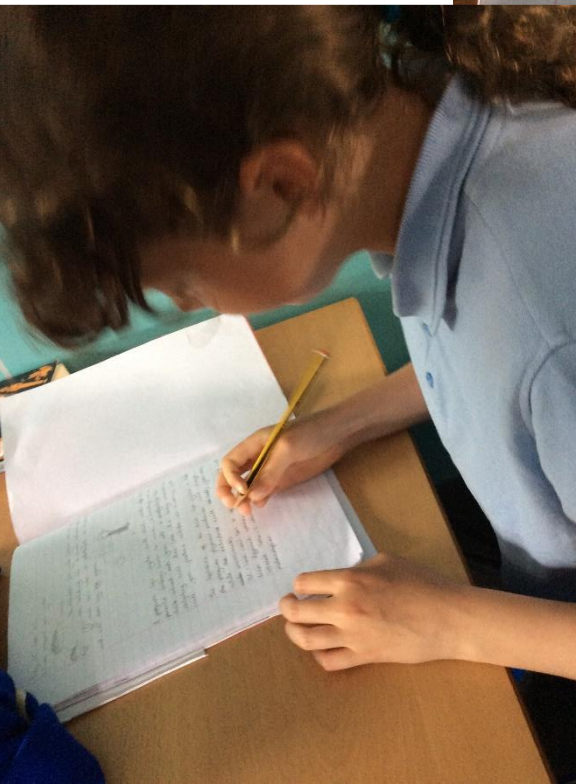
NS: I am ready for a challenge.

I found out that the male part of the plant is the stamen and the female part is the stigma.

We compared the lifecycle of a mammal, amphibian, bird and insect.



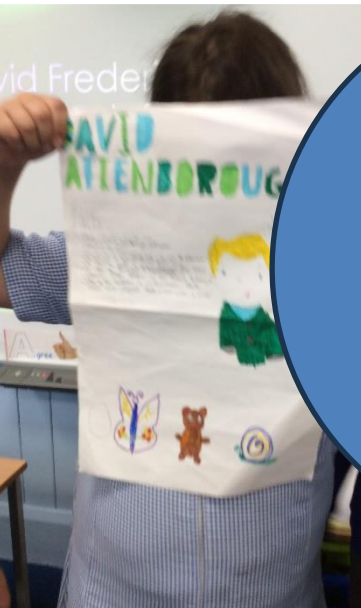
It was interesting to see the different types of lifecycles the different animals go through.



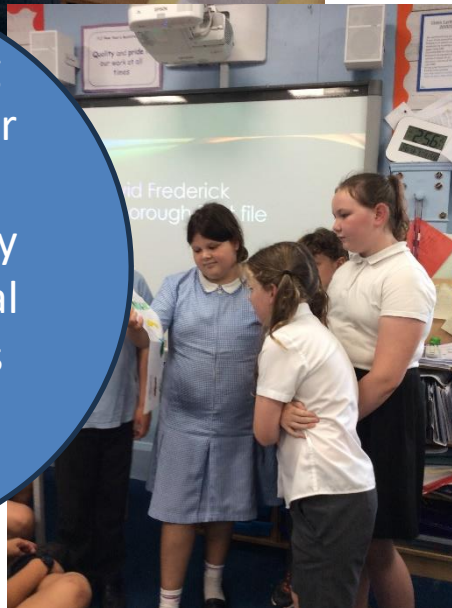
We researched two people who have had a lot to do with the natural world – Sir David Attenborough and Jane Goodall. We then presented what we had found out.



I really liked finding facts out about Jane Goodall. I didn't know about her before.



It was interesting finding out that Sir David Attenborough only dislikes one animal – the rat. Also his brother was in Jurassic Park.



Science Year 5 Knowledge Organiser

Main Learning: Life cycle, including humans

Personal Development
Awe and wonder of the natural world
Job links: scientist; early childhood development; naturalist

Key knowledge
Know about the life cycles of humans and various animals
Know about the life cycle of a human being
Know what the terms puberty, gestation and reproduction mean
Know the life cycle of different living things, <u>e.g.</u> mammal, amphibian, insect and bird
Know about the process of reproduction in plants
Know about the process of reproduction in animals

Vocabulary	
puberty	Is the name for the time when your body begins to develop and change as you move from childhood to adulthood
gestation	Is the time between conception and birth, during which the embryo is developing in the uterus
reproduction	Is the way different plants and animals make new plants and animals. The reproduction system differs in plants and animals
embryo	Fertilisation happens when an egg cell meets with a sperm cell and joins with it. The fertilised egg divides to form a ball of cells called an embryo
teenager	The age between thirteen and nineteen



Prior Knowledge–
Within same subject

In other subjects

From own experience

