

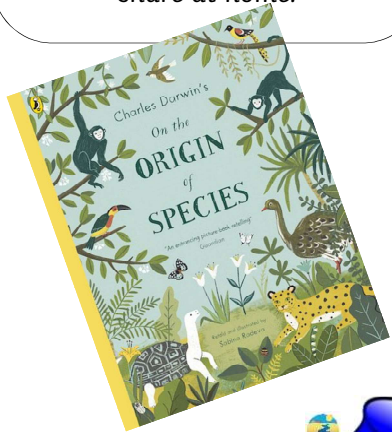
Dear Parents,

This half term our topic is all about evolution and inheritance. We will discuss why evolution happens, the timeline of it and the evidence that we have of it in our world. We will look at scientists such as Charles Darwin and Mary Anning, focusing in on the impact they had on our understanding of the world. Alongside this we will be looking at networks in computing, music in our arts time and speaking about pets in French.

Mrs Timmins and Miss Davies

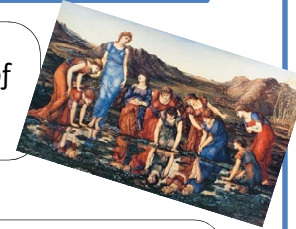
Our recommended read:

This half term "On the Origin of Species" will be available at the library or in school for you to borrow and share at home.



What is **evolution**?

What is the **timeline** of evolution?



How does **inheritance** work?

What is **survival of the fittest**?

What evidence do we have for **natural selection**?



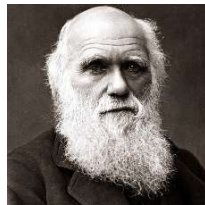
Autumn 1

Things to remember:

Tuesday - PE day and forest school

Thursday - Reading books changed and PE day

Friday - Spelling test and library day



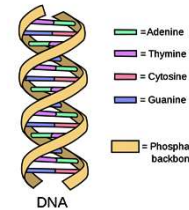
Charles Darwin

He was a scientist who explained evolution by natural selection after studying animals and plants.



Homo habilis

('handy man') was the first species known to use stone tools, leading to its name.



DNA

The special code inside cells that carries all the instructions for life.

Useful words

Adaptation – A feature that helps a living thing survive in its environment.

Evolution– The way living things slowly change over a very long time.

Extinction– When all the animals or plants of one species die out.

Fossil – The remains or impressions of plants or animals, preserved in rock.

Genes – Instructions inside living things that decide what they look like and how they grow.

Inheritance – The passing on of features from parents to their children.

Natural selection – When animals or plants with helpful features survive and pass them on to their young.

Offspring – The babies or young that are produced by animals, plants or people.

Species – A group of living things that are the same kind, like cats, dogs or humans.

Variation – It is known as the 'water tower difference between living things, like hair colour.