

Big Idea 2:

Global Citizens: Societies across the world are built on shared ideas and systems in which every citizen has their role to play.

We'll be learning how scientists and artists use methods to achieve their goals. We will be learning about the shared idea of evolution and scientific systems that are followed across the world. We will be imitating shared processes for completing a piece of art.



Creativity: using our imagination and fresh thinking to create artwork that realism and modernism.

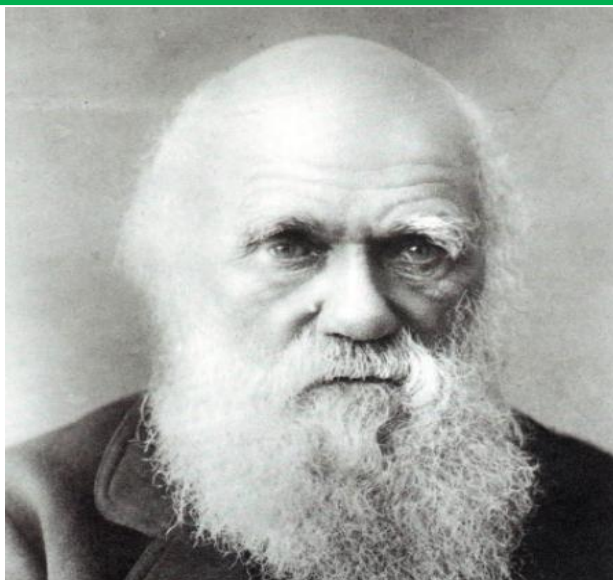


Aspiration: to try our best to edit and improve our work and aspire to improve our skills.

Broadening our experiences:

We will take trip to Torre Abbey gardens to use the children's previously learnt photography skills to take close-up photos of plants. We will also explore the adaptation of plants to link with our science learning. Parents and carers will be invited to view their children's photography and artwork during a gallery open afternoon at the end of the half term: **Thursday 22nd October.**

What methods did Darwin use to develop the theory of evolution?



Throughout this half term, we will explore the fascinating life and work of Charles Darwin, discovering how his ideas transformed our understanding of the natural world. We will trace the development of the theory of evolution, beginning with Darwin's incredible voyage aboard the HMS Beagle. We will learn about the twenty years of careful observations and scientific research that led to the publication of his groundbreaking book, *On the Origin of Species*.

In our writing lessons, we will use Michael Morpurgo's *Where My Wellies Take Me* as inspiration to write a recount of our local field trip to Torre Abbey, developing our descriptive language and reflective writing skills. In science, we will consolidate our learning by researching and writing a biography of Charles Darwin, demonstrating our understanding of his life, discoveries and lasting impact on science. In art, we will investigate the contrasting styles of realism and abstract art. Using sketchbooks and photography to record our observations and ideas, we will develop our artistic techniques before celebrating our work in a class art exhibition.



Our Key vocabulary

characteristics	A prominent feature or quality which is used to identify someone or something.
inheritance	A quality or characteristic derived genetically from parents or ancestors.
offspring	The young born of living organisms.
variation	A change or difference between individuals within a species.
adaptation	The process of change by which an organism or species becomes better suited to its environment.
evolution	The process by which living organisms have developed from earlier forms during the history of the earth.
realistic	Representing things in a way that is accurate and true to life.
precise	Marked by exactness and accuracy of expression or detail.
filter	A software routine that changes the appearance of an image.
abstract	Art that does not attempt to represent reality, but rather seeks to achieve its effect using shapes, colours, and textures.

Texts that we will be reading in school:

Darwin's Dragons by Lindsay Galvin

Recommended texts to share at home:

Who was Charles Darwin? by Deborah Hopkinson

On the Origin of Species: retold by Sabina Radeva

Women in Science: by Rachel Ignotofsky

Fantastically Great Women Scientists and their Stories by Kate Pankhurst

All about Evolution by Robert Winston

Science Sticky Knowledge

Animals and plants are classified into groups and sub-groups according to their similarities and differences.

The groups (e.g. birds) are organised into sub-groups of families (e.g. sparrows) which are organised into species (e.g. house sparrow).

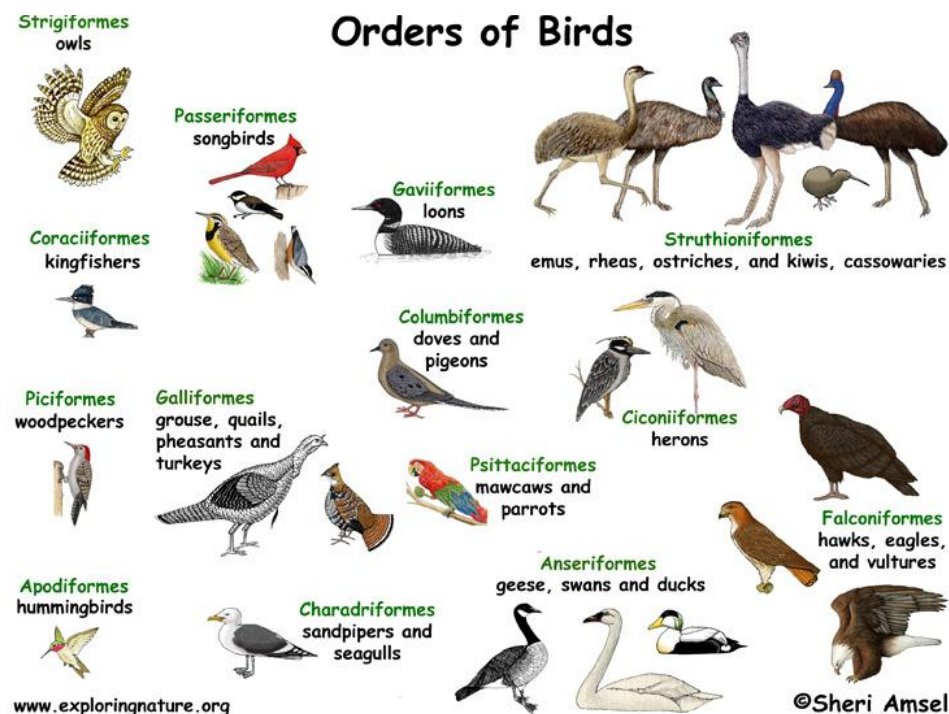
Animals of the same species breed more of the same species, but normally offspring vary and are not identical to their parents.

Animals and plants are found in certain environments because they have adapted features that give them a better chance to survive there. This adaptation may lead to evolution.

Living things have changed over time and fossils provide information about living things that inhabited the Earth millions of years ago.



Darwin's theory of evolution



Art Sticky Knowledge

Artists use different styles and techniques to suit their purpose.

Artists use portfolios to record observations and to review and revisit ideas.

Georgia O'Keefe (1887 - 1986) was an American modern artist who is known for painting landscapes and plants in an abstract style.

Charles Darwin and Conrad Martens documented the journey of the Beagle with their observational drawings and paintings.

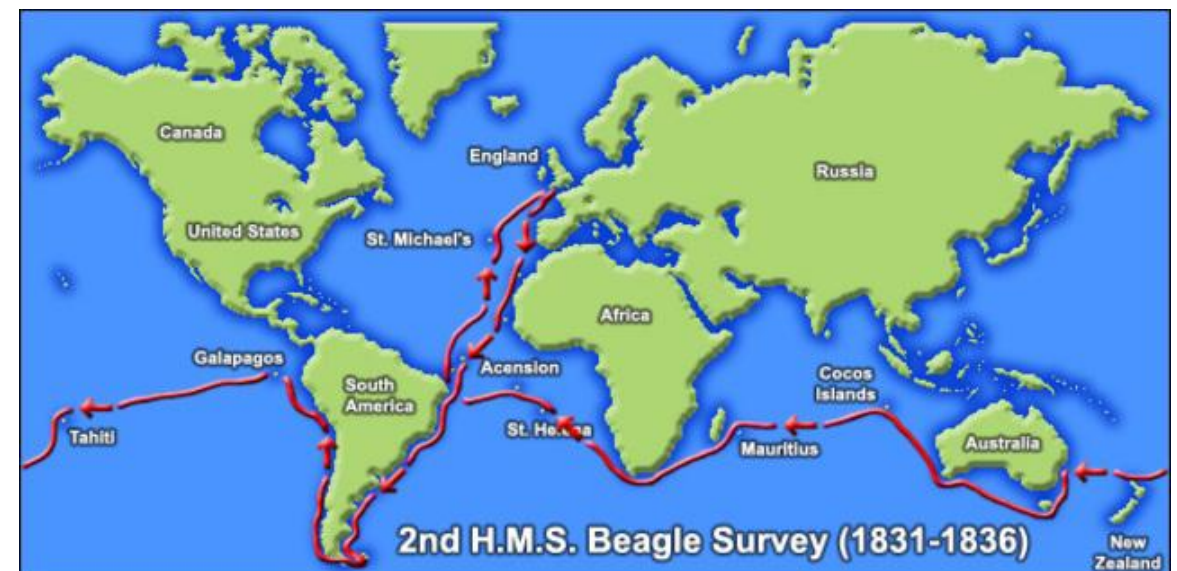
Filters and angles can be used to turn a realistic photograph into an abstract picture.



Georgia O'Keefe



Darwin





Year 6 Autumn 1 Homework menu: What methods did Darwin use to develop his theory of evolution?

English (writing)

Can you write a diary entry as though you were on the HMS Beagle with Charles Darwin and his cabin boy Syms Covington?

Perhaps you make a discovery or are shipwrecked on an undiscovered island in the Galapagos?

Remember to write in the past tense and use first person. Think about the descriptions you can use to describe where you've been, what you've seen and how you feel.



Big Idea: Processes

Charles Darwin used realism to draw pictures of the animals that he discovered on his travels to the Galapagos. He would draw detailed sketches and annotate them.

Choose an animal of your choice and use fine line sketching to draw them. Can you annotate them to describe their appearance? Do you know what they eat (diet)? Where in the world can we find them? What habitat do they live in?

Draw in paper and bring in to display in class.



Science

Can you create a stop motion animation video showing the evolution of man?

Find the Seesaw activity and respond to it.

We recommend you use the free 'I Can Animate' App on your device at home, then post it to us on Seesaw.

If you need any resources or help, please ask your class teacher.



Jigsaw

Can you design and create a new Jigsaw character (ours is red – Jigsaw Jez)?

How does your character promote our school values?



Scavenger hunt

Can you find the 10 items on this list in home, garden or local area?

- | | |
|---------------------|------------------|
| 1. a plant | 6. an animal |
| 2. book(s) | 7. favourite toy |
| 3. clock | 8. happy |
| 4. boat(s) | 9. sad |
| 5. something edible | 10. tool(s) |



Take photos of them and create a collage page on Seesaw or on paper.

Be sure to show off your skills of cropping the images, using filters and thinking about the angle and perspective you are taking the photo from.

PE

Have a look at this Joe Wicks workout playlist and choose a workout to do at home. Maybe get your family members to join you too!?

Can you record yourself doing it or take a photo?

Can you write a 10-minute aerobic workout that we could try at school?

[WAKE UP WITH JOE - YouTube](#)