



Year 6 Learning Overview

Spring 2022

Our topic: Evolution and Inheritance

This half term we will be continuing to explore the Science and History behind the Theory of Evolution and how it was developed through the work of Charles Darwin and other influential figures in the field such as Mary Anning. We will be reading and studying the work of Charles Darwin, learning about his life and his remarkable journey across the Galapagos Islands which eventually led to him publishing the book 'On the Origin of Species'. In Science, we will continue to look at the scientific processes of classification and inheritance of features in humans; animals; plants and microorganisms.

By the end of our Evolution Topic:

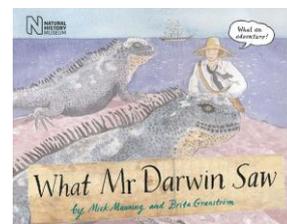
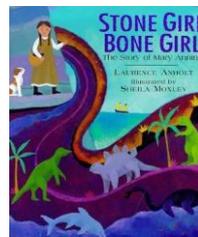
Your child will know:

- That living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- That living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- How animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution
- About anatomical drawings and their significant contribution to our scientific understanding of living things.
- That inheritance is influenced by various generations of related family and how variations can occur through genetic difference.
- How fossils form over time and the process of them developing through layers of different materials
- How to establish the different ways living things have adapted in order to suit their environment; including describing the scientific needs related to the adaptation.

Your child will be able to:

- Record their observations in detail.
- Improve their mastery of drawing, using sketching pencils effectively to create shading and smudging
- Effectively draw on a range of materials to represent an artistic concept.
- Plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
- Measure, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
- Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar, and line graphs
- Use test results to make predictions to set up further comparative and fair tests
- Report and present findings from enquiries, including conclusions, causal relationships, and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations

The books we will explore in class:



By the end of our PSHE Topic: Zones of Regulation

Your child will know:

- How to identify emotions in others through their facial expressions, actions and words
- That emotions are a journey and they will experience a range of emotions over the course of the day
- Which emotions are linked to each zone and identifying when they are emotionally ready to learn

Your child will be able to:

- Use their knowledge to help identify the emotions they feel in order to complete twice daily check-ins.
- Recognise emotions in others and react appropriately in social situations
- Begin to regulate their own emotions to help with their readiness to learn.

Our memory maker event is:

Wing creation day (DT)

We will spend a day creating wings in relation to our previous text Skellig. We will explore; using different materials, textures and effects to create diverse styles of wings in Design & Technology.

Suggested books to read at home:

