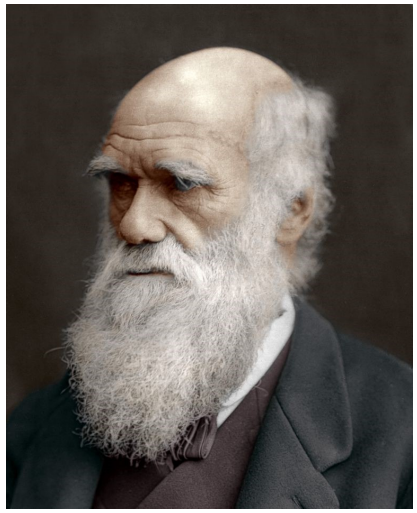
Inheritance and Evolution

Year Six
Spring Term 2023—topic 2

The big idea:
Fall in love with David Attenborough! This topic will cover all things natural, starting right at the beginning with the fossil discoveries of Mary Anning, and exploring Darwin's theory of evolution, including modern day evidence of his work. Expect lots of exciting creatures and an in-depth exploration of how we came to be.



Growing together **O**pportunities for all **L**earning for life **D**aring to dream

Entry and Exit point

Entry Point: The Galapagos!

Mid Point: Bird Beak investigation

Exit Point: recording and sharing our completed nature documentaries and poetry.

SMSC

Throughout our topic we will have the opportunity to explore and develop moral concepts and values when discussing dilemmas. Using philosophical questions, we will have a sense of empathy and appreciation with others' lives in different geographical settings, having time to reflect on their experiences and comparing them to our own. We will make responsible and reasoned judgments whilst sharing our views and opinions.

Thinking skills and personal capabilities

We will continue to develop our key skills of:

- resilience
- reflectiveness
- collaboration
- creative thinking
- independence

As writers and readers we will explore a range of nature documentaries (both written and filmed) before putting our research into practise and becoming our own Attenboroughs! We will create a documentary style script that informs the reader on an animal of our choosing. We will also look at a range of poetry and write our own dragon poetry based on our book this term. Our book will be Darwin's Dragons which we will study during our guided reading sessions. We will also be working on our non-fiction comprehension skills when reading Blue Planet II.

As mathematicians we will be learning how to find percentages. We will apply our fraction knowledge to convert fractions, decimals and percentages. We will then be moving on to look at measure with a focus on area, perimeter and volume.

As scientists we will be learning about one of the accepted hypotheses of how life on Earth came to be—Darwin's Theory of Evolution. We will explore how different types of fossils are made and what they teach us and learn more about Darwin's voyage on the HMS Beagle. We will conduct an investigation on bird beaks to better understand the variation identified in the Galapagos Islands—testing different beaks against various food sources. We will record and present our findings, and reflect on these as a class. We will also consider what features we inherit from our parents.

As artists we will be learning more about Darwin's finches, and drawing our own using a range of sketching techniques. We will then add in water colour to bring our drawings to life.

In geography we will be identifying geographical regions of the UK, and learning about land-use patterns and how they have changed over time. We will be carrying out fieldwork, completing questionnaires and analysing data to help answer the question: How is Woking connected to other places?