

# Chacewater School – LEAP into Learning

Term: Spring 1<sup>st</sup> Half term

Class: Mighty Oaks Y6

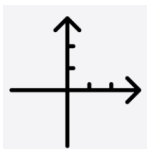
Theme: Voyage of Discovery (Charles Darwin - evolution and inheritance)

On this page you will find an outline of our learning this half term in Year 6.

## Mathematics:

### Position & direction

The first quadrant  
Four quadrants  
Translations  
Reflections



### Decimals

**Recap** Decimals up to 2 d.p.  
**Recap** Understand thousandths  
Three decimal places  
Multiply by 10, 100 and 1,000  
Divide by 10, 100 and 1,000  
Multiply decimals by integers  
Divide decimals by integers  
Division to solve problems  
Decimals as fractions  
Fractions to decimals

Tens	Ones	Decimal point	Tenths	Hundredths	Thousandths
6	5	.	1	0	9

### Percentages

Recap Understand percentages  
Fractions to percentages  
Equivalent FDP  
Order FDP  
Percentage of an amount  
Percentages - missing values



## History:

We will learn about and understand how Charles Darwin's expedition to the Galapagos Islands fits into the Victorian period and the impact that his theories had during this time.

Who was Charles Darwin and what did he do? In which era was he alive?

Why was his theory significant?

How did people in Victorian Britain react to it?



## Geography:



We will be learning about the Galapagos Islands and comparing it with other places in the world, identifying key similarities and differences. In addition we will recap and learn about: biomes, climate zones, longitude, latitude and hemispheres.

What are the main differences between the Northern and Southern Hemisphere?

What is a climate zone?

What is a biome?

How is climate and vegetation connected within a biome?

Where and what are the Galapagos like? What was the journey of HMS Beagle?

How does the Galapagos Islands compare with a region in the UK (Isles of Scilly)?

In what ways are some biomes vulnerable and how can they be protected?



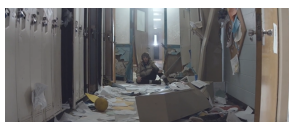
## Art:

Painting - Brave Colour

## English

- <https://www.literacyshed.com/the-music-video-shed.html>

In English, we will be exploring a Literacy Shed video called 'Titanium'. Using this as our hook, we will be writing a range of excerpts, including a setting description, to be able to build a short story in the form of a 1st person narrative.



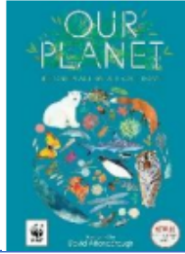
## Computing: Variables in Games

Our unit explores the concept of variables in programming through games in Scratch. We will be developing our understanding of variables in a new programming language, learning where variables can be used and how they can be set and changed through the running of a program. We will apply our knowledge of variables and design to improve our game in Scratch.

## Religious Education: Creation and science: conflicting or complementary?

This unit will enable us to explore the Creation story and discuss why might some people say creation and science are in conflict, whilst others say they are complementary?

2. Our Planet - to write an information text about a global biome or local habitat using at least two distinct levels of formality.



**RHSE: Caring and Responsibilities** We will be learning about how responsibility changes as we get older and explore how we can take more responsibility for self-care. We will be learning about managing money and who cares for us as we grow older, including at secondary school.

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## HOME LEARNING

Term: 1<sup>st</sup> Spring term

Class: Mighty Oaks Y6

Theme: Voyage of Discovery (Charles Darwin - evolution and inheritance )

Alongside regular reading, spelling and maths home learning choose at least one of the following to complete over this half term. You might even be inspired and choose more than one! Please email any work to: [mightyoaks@chacewaterschool.co.uk](mailto:mightyoaks@chacewaterschool.co.uk)

**Make your own fossil.** Go to the link below to watch the 'how to' video.

<https://www.youtube.com/watch?v=EMdN5nNMtCo>



WATCH the BBC PERFECT PLANET video from 3:46 to 12:55 <https://www.bbc.co.uk/iplayer/episode/p08xc326/a-perfect-planet-series-1-4-oceans>

**Can you explain the ways in which the MARINE IGUANA has adapted to survive?** Think about the challenges it faces and how it is able to overcome these challenges. You can present your work in any way you wish (through artwork, poster, presentation etc)

The links below provide more information if you need it. Or you can do your own research.

<https://www.santacruzgalapagoscruise.com/galapagos-marine-iguana/>

<https://oceana.org/marine-life/sea-turtles-reptiles/marine-iguana>

Birds have adapted to be able to eat certain foods and you will notice that their beaks are all very different. **Can you design a beak to pick up your favourite food?**

1. You will need to think carefully about your favourite food – is it soft, crumbly or hard? If you poke something into it will it fall apart? Is it big or small? Is it wet or dry? All these things will change how you design your beak.



**Create your own animal and write a fact file** about it: diet, habitat, lifespan, characteristics, classification etc

**Make a journey stick.** Darwin loved to make collections of things that he found. Go on a walk in your local area and collect natural objects.. Place them on a piece of sticky tape or attach them to a long twig. What did you find on your journey? Why?



**Can you create your own animal habitat?** You can create this practically using art materials or even with your toys such as lego or duplo! Create your own diorama!



**Find out as much as you can about the Galapagos Islands.**

Can you compile your research into a presentation?

### SOAP CARVING

<https://www.youtube.com/watch?v=Y17RweezGi8>

<https://www.youtube.com/watch?v=xMtoYxwf5rc>

Watch the video clips demonstrating soap carving. Choose an animal from the Galapagos and see if you can carve it into your soap. You don't have to have the exact tools. Be creative (and careful) with your carving skills!

### WILD CARD

Choose anything you would like linked to our topic

