

Our Blue Planet

Year 2
Summer Term

**Key Curriculum Subject Driver
Geography**

In this topic, children will develop their locational knowledge by finding out about where the seven continents of the world are and how their proximity to the equator or the poles affects their climate. They will also name and locate the world's five oceans. Children will be introduced to hot and cold areas of the world and learn how to navigate these on a world map and globe. The children will revisit historical skills by learning about explorers from the past and the dairies and journals they have left e.g. Robert Scott. In-depth studies will be made of Antarctica as a cold location and then Africa as a hot location.

Maths

In Maths we will:

- compare and measure lengths and heights in cm and m
- compare and order lengths, mass, volume/capacity and record the results using >, < and =
- tell the time to o'clock, half past, quart to and quarter past

Science

In Science we will:

- notice that animals, including humans, have offspring which grow into adults
- find out about and describe the basic needs of animals, including humans, for survival
- describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene
- explore and compare the differences between things that are living, dead, and things that have never been alive
- identify that most living things live in habitats to which they are suited and describe
- how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other
- identify and name a variety of plants and animals in their habitats, including micro-habitats
- describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food

Computing

In Computing we will:

- understand that algorithms are implemented as programs on digital devices
- understand that programs execute by following precise and unambiguous instructions
- debug simple programs



English

In English we will:

- read 'One Day on Our Blue Planet in the Savannah' and 'One day on our Blue Planet in the Antarctic' as our class texts.
- explore a range of non-fiction texts
- write, edit and publish our very own story about the events on The Savannah
- write a recount of the events of launch day

PSHE

In PSHE we will:

- focus on the puzzles 'Relationships' and 'Changing Me.'
- explain why some things might make us feel uncomfortable in a relationship and compare this with relationships that make us feel safe and special
- give examples of some different problem-solving techniques and explain how we may use them
- use the correct terms to describe different body parts
- tell each other what we like and don't like about being a boy/girl and getting older

Religious Education

In RE we will:

- look at the units: Questions, questions
- find out about explore creation stories from holy books
- ask, think and talk about some big questions of meaning, purpose and truth

Art

In Art we will:

- suggest how artists have used colour, pattern and shape
- be inspired by the work of another artist to create our own artwork
- mix paint to create all the secondary colours
- create tints with paint by adding white and create tones with paint by adding black
- use polystyrene to develop a block print

Physical Education

In PE we will:

- move, over, under and through space and obstacles
- develop my running, jumping, throwing, and catching techniques to make the outcomes more successful

Design Technology

In Design Technology we will:

- design a product that includes a wheel and an axle
- measure and cut accurately
- use finishing techniques to make our product look appealing
- chose suitable materials and explain why
- say whether our wheel/ axle works
- compare our mechanism to the design criteria