



Topic Map: Year 6 Term: Spring 1

TITLE: New Life, New Goals



Art – Seaside

In the Spring Term, Year 6 will continue to improve mastery of art and design techniques, including drawing in the context of oil pastel/coloured pencil drawings.

Children will learn about great artists, architects and designers in history in the context of Alfred Wallis. Children will use Wallis as an inspiration to help inspire them to develop their own style using tonal contrast and mixed media. They will experiment with a range of media to overlap and layer to create interesting colours, textures and effects and use these skills to create prints with three overlays.

After their final piece, Children will compare ideas, methods and approaches in their own and others' work and Adapt their work according to their views and describe how they might develop it further.

Computing

Children will use Google Sheets (similar to Excel) to create databases and spread sheets. They will learn how to insert and edit data and how to use the various functions and formulae to find totals or averages. They will also explore how the data within spread sheets can be used to create different graphs and ways of displaying the information. Children will link this topic to money through studying budgets and planning costs associated with trips.

Geography

Will we ever see the water you drink again?

Children will explore the journey of water to and from our homes and the difficulties in accessing fresh water around the world.

Children will explore water in all different forms and bodies that includes identifying the world's oceans, major rivers, gulfs, channels and lakes. They will use specific vocabulary to describe the water cycle in detail, consider how households in the UK use water and compare that with those in Kenya. They will explore water scarce countries and understand the role water can play in sustainability. They will research the water quality of the city of Liverpool.

R.E. - Sources and Unity

To begin this topic, children will explore a wide variety of books and the purpose for which they were written. They will understand the bible as the story of God's love, told by the People of God.

Children will acquire the skills of assimilation, celebration and application of the above whilst understanding what nourishes and what spoils friendship and unity. They will explore that the Eucharist challenges and enables the Christian family to live and grow in communion every day.



PE- Dance

Pupils will work in pairs and groups using different choreographing tools to create dance e.g. formations, timing, and dynamics. They will have opportunities to choreograph, perform and provide feedback on dance. Pupils think about how to use movement to convey ideas, emotions, feelings and characters.



Spanish

Children will be starting their new language – Spanish. They will begin with a celebration day to kick-start their learning. In this topic, they will learn basic greetings, parts of the body, how to repeat and recognise questions and will also learn their first few numbers.



PSHE-Going for Goals

This theme focuses primarily on the key aspect of motivation, with a subsidiary focus on self-awareness.

It gives an important opportunity for all children's abilities, qualities and strengths to be valued.

The Going for goals theme provides opportunities for children to reflect on themselves as individuals, particularly their strengths as learners and how they learn most effectively.



WOW Experiences:

Daily celebration for our love of reading!

Class Novel/Book:

Miss Peregrine's Home for Peculiar Children

English

On the Origin of Species by Charles Darwin

At the end of this block of learning, children will be writing their own discovery narrative in the style of third person. Children will use the following steps to support their learning journey.

Immersion in Vehicle text
Enjoy, explore and respond
Determine purpose, audience and form
Familiarisation with text structures
Familiarisation with language features
Knowledge for the writer
Gather ideas and plan
Modelled and Guided writing
Application of writers' skills and knowledge
Independent writing & draft, revise, edit

Reading Comprehension

Children will continue to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks. Children will have regular comprehension and reading skills sessions as well as daily reading for pleasure and class novel time.

Over the year children will read a range of texts or extracts that have examples of the punctuation, grammar or spelling objectives that are being covered. They will identify and highlight examples of SPAG objectives being covered in extracts.

Mathematics

Fractions

Children will continue their work on fractions- focusing on multiplying and dividing integers. Pupils will then move onto finding fractions of amounts.

Percentages

Pupils will be exploring how to calculate percentage of numbers and quantities.

They will be learning about how to solve for percentage change and use percentage to compare amounts.

This will include:

Pupils will be finding the percentage of a whole number. This will involve both division and multiplication skills. They will then move on to finding the percentage of a quantity, measured in amounts such as litres and milliliters.

Pupils will be looking at difference and percentage change before finally moving on to using percentage as a way to compare numbers and amounts.

Measure

In this chapter, the focus is on converting units of measurement using fractions and decimals. Pupils begin by converting units of length and distance followed by exploring units of mass, volume and time. While most of the chapter considers metric conversions, time is challenging as it does not follow multiples of 10, 100 or 1000.

Algebra

In this chapter, pupils will be comparing quantities, including numbers, objects, fractions and mass before moving on to solving word problems.

To begin with, pupils will use bar models and concrete materials to compare amounts. They will be using both pictorial and abstract multiplication and division to support their learning while simplifying and comparing ratios.

In the final lessons, pupils will be solving word problems involving ratio by constructing bar models to support their understanding.

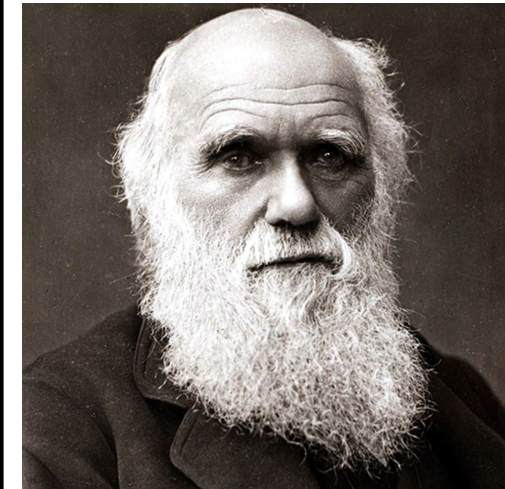
Science

Evolution and Inheritance

Children will start this topic recapping from their learning about fossils in year 4. They will learn how fossils help scientists understand how living things have adapted and evolved over time. They will learn about the difference between inherited and acquired traits and identify the similarities and differences between themselves and their close family members.

Further on in the topic, children will look at the theory of evolution and natural selection by learning about Charles Darwin's work in the Galapagos islands.

Children will work scientifically by investigating how the shape of a bird beak can impact upon its survival. To end the topic, they will learn about how animals such as giraffes have adapted over time in order to survive.



Charles Darwin will be an influential person in both our science and English topics this half term!