

# Y6 'Life-Long Learners' Curriculum Plan – Spring 2025

## English

### Shackleton's Journey – William Grill

The children will discover the incredible feat of endurance partaken by Ernest Shackleton and his crew on their doomed expedition to Antarctica and write an entry for Shackleton's journal giving a narrative account of a significant event. They will distinguish between the language of speech and writing, recognise vocabulary and structures for formal speech and writing, including subjunctive forms; use passive verbs as well as semi-colons to mark boundaries between independent clauses

### Island: A Story of the Galapagos – Jason Chin

The children will explore Darwin's discoveries on the Galapagos Islands and write a hybrid journalistic report about them. They will use passive verbs; a variety of verb forms used correctly and consistently including the progressive and present perfect forms; use a wide range of devices to build cohesion; use organisational and presentational devices to structure text and use colons to mark boundaries between independent clauses.

Weekly spelling and EGPS sessions will also focus on key skills.

## Mathematics

**Measurement:** Convert units of measure including miles and kilometres. Area and perimeter including finding the area of triangles and parallelograms, calculating the volume of cuboids.

**Ratio:** understand and calculate ratio, use and calculate scale factors.

**Algebra:** to find a rule, solve simple equations, find pairs of values.

**Decimals:** numbers up to 3 decimal places, multiply and divide decimals by 10, 100 and 1000, multiply and divide decimals by integers, convert fractions to decimals.

**Percentages:** to find, recognise and order equivalent fractions, decimals and percentages, to find percentages of amounts.

**Area, perimeter and volume:** to find the area, perimeter and volume of different shapes.

**Multiplication and division facts up to 12x12, including related facts.** These skills will be applied to solve problems using mathematical knowledge and calculations. They will also be practiced in weekly arithmetic and times tables quizzes.

## Science

### Living Things and their Habitats

The children will explore the Linnean system of classification of living things and then explore how animals, plants and micro-organisms can be divided into groups based on observable features. They will devise their own way of classifying living things before designing their own creature to fit a certain classification.

### Evolution and Inheritance

The children will explain how adaptation help animals and plants survive; explain what fossils can tell us; describe the process of genetic modification; explain why animals can look different to their parents; describe the process of natural selection; explore the work of palaeontologist Mary Anning.

## Computing

### Variation in Games

The children will explore the concept of variables in programming through games in Scratch. First, they will find out what variables are and relate them to real-world examples of values that can be set and changed. Then they use variables to create a simulation of a scoreboard. The children experiment with variables in an existing project, then modify them, before they create their own project.

### Spreadsheets

The children will be introduced to spreadsheets; be supported in organising data into columns and rows to create their own data set; taught the importance of formatting data to support calculations, whilst also being introduced to formulas and will begin to understand how they can be used to produced calculated data; apply formulas to multiple cells by duplicating them; use spreadsheets to plan an event and answer questions; create graphs and charts; evaluate their results in comparison with questions asked.

## PE

**Football:** The children with practise their dribbling skills, especially under pressure, choose when is best to pass and when is best to dribble, move into and create space and choose the appropriate defensive technique, **Gymnastics:** Stretching, balancing and jumping skills will be developed using teamwork to create combined sequences.

## RE

**Religions, worldviews, family and community:** Children will consider and reflect upon what contributions different religions make to local life in Nottingham City and Nottinghamshire. They will discuss how we can help to make Nottingham City and Nottinghamshire a county of tolerance and respect.



Hawthorn



Hornbeam



## Geography/History

### Geography: Biomes – Planet in peril

The children will locate a range of the world's most significant human and physical features including different biomes – tundra, taiga, arctic, grasslands, oceans; explain how physical features have formed, why they are significant and how they can change; understand how these are independent and how they bring about spatial variation and change over time; deepen understanding of the interaction between physical and human processes and of the formation of landscapes and environments.

### History: Ancient Civilisations

The children will study and compare the ancient civilizations of Ancient Egypt, Ancient Greece and Ancient Maya. They will focus on law and order, trade and travel, society and equality within these three civilizations, comparing how they developed over time, looking at similarities and differences.

## Art

Children will explore the idea that 2D drawings can be manipulated into a 3D object. They will learn about artists who use their drawing skills to make objects. They will explore drawing techniques including grid drawing, using negative space, and mark marking. Once they have designed and produced their 2D drawing, they will create an upscaled copy before transforming it into a 3D sculpture.

## PSHE

### Drug, Alcohol and Resilience Training (DAaRT)

Delivered by a DAaRT officer, the children will be learning about making healthy and safe choices, and to understand about different kinds of communication. They will be provided with information about drugs and alcohol so that they can learn about the health effects associated with their use. They will also look at knife crime and at the differences in our communities and in society. Learning about protected characteristics, children will look at why it is important to live positively together and be respectful to all.

### Talking Points:

Should I send/post something I am not comfortable with? What if I get dared? If it happens all the time, does it mean it's right? What is puberty? How do humans reproduce? How do we look after ourselves?

## Music

The children will be exploring the music of songwriter Carole King including 'You've Got a Friend' and other songs written by her. Whilst exploring the song they will discover cover versions of the song by a variety of musical artists covering a variety of musical genres.

### Music and Me

-Studying inspirational women working in the music industry over the last 100 years.  
-Exploring the concept of identity and the various elements that shape us.

## French

### In my French house

Pupils learn how to describe a house, the different rooms and who lives there. They also learn about prepositions to explain where items are arranged in their bedrooms and consolidate the grammar and vocabulary they have learned by writing a letter to describe their family, home and bedroom.

### Planning a French holiday

The children learn to use a combination of present and near-future tenses, and become familiar with holiday-related vocabulary around packing a suitcase and planning a journey. They explore which countries they might visit and why and ultimately research and plan a holiday to France.