

# Y5 'Life-Long Learners' Curriculum Plan – Spring 2025

## English

**Writing for a range of purposes** Diary, non-chronological report about sloths, rainforest poem, instructional writing, persuasive writing.

**Interpreting how an author writes** to engage the reader and techniques to do this by using parenthesis, relative clauses and modal verbs.

**Class reading** The Explorer by Katherine Rundall.

## Mathematics

**Multiplication and division.** Multiply 3-digit numbers by 1 and 2-digit numbers.  
 Multiplying 2-digit numbers by 2-digit numbers using the area method.  
 Multiplying multi digit numbers by 2-digit numbers using the formal method (long multiplication).  
 Short division (bus stop method), dividing with remainders.  
**Decimals and percentages-** Decimals up to 2 DP  
 Order and compare decimals  
 Decimals as fractions.  
 Understanding percentages  
 Percentages as fractions and decimals.  
**Perimeter and area** Calculating the area and perimeter of rectangles and compound shapes  
**Statistics** Reading and interpreting data in tables and line graphs  
 Drawing line graphs  
 Reading and interpreting timetables

## Science

**Materials-** Soluble and insoluble materials.  
 Reversible and irreversible changes.  
 Chromatography.  
 Separating mixtures.

**Living things and their habitats.**  
 Looking at how plants reproduce.  
 How animals adapt to their surroundings.

## Computing

**Programming-** Using Crumble to understand the basic concepts of computer programming, including debugging, and decoding.

**Flat-file Databases** – how databases can be use to organise data, creating graphs and charts from data to help solve problems.

## RE

**Beliefs and questions.** Looking at the key differences and similarities between selected major religions.

Explain the main beliefs of Hindus and Muslims referencing their deity.

Consider answers to deeper religious questions.

**Inspirational people.**

What makes a person inspiring?



Willow



Poplar



## History / Geography

**The Vikings – Ruthless killers or peaceful settlers?**

The children will identify the Viking Era in Britain; recognising the reasons why the Vikings invaded from Scandinavia; describe the impact of the Viking longship on settlement and settlers in Britain; understand the reasons why trade was an essential part of Viking life; understand the importance of different roles in the Viking era; explain what changed when Danelaw was established in 876 and describe the social and cultural significance of the Vikings.

**Scandinavia-** Physical geography including fjords, coastlines, and climate. Comparing infrastructure and geographical feature with the UK.

## Art/DT

**Fashion design-** Children will investigate the design process of various fashion designers. Children will design and prototype clothing for a small model.

**Cams-** Explore different cam movements.  
 Investigate different types of cam mechanisms.  
 Design a moving toy with a cam mechanism.

## PSHE

What is peer pressure? What if I'm uncomfortable? What is loss?

Is my relationship unhealthy? What's a relationship commitment? What's a stereotype?

## Music

**The Fresh Prince of Bel-Air**

The children will listen to an appraise the hip-hop track 'The Fresh Prince of Bel-Air.' They will use glockenspiels to play along with the track and create raps of their own. They will identify the style indicators of hip-hop.

## French

**Shopping in France** – pupils learn to construct high numbers in French, develop food-related vocabulary through games, stories and role-play and build on their understanding of sentence structures, questions and phrases, equipping themselves with language they could use when shopping in France

**French Speaking World** - Discovering the many French-speaking countries, giving and following directions in French and discussing climate using comparative language