

# Year 5 - Summer Term

## Science

How do living things reproduce, and why is this important in a life cycle?

In this unit of work, children will learn the seven life processes that distinguish living from non-living things. They will consolidate and extend previous learning on the life cycles of plants and animals, comparing and describing differences in the life cycles of mammals, amphibians, reptiles, birds and insects. They will learn how animals and plants reproduce by comparing differences and similarities between five different animal groups.

**History** What similarities and differences are there between the Maya civilisation and England from the 8th to the 10th century?

In this unit, children will look at who the Maya were in the 8th-10th century, where in the world they lived and the reasons why they were so successful, particularly in the Classic period. They will learn how we know about the Maya people, their beliefs and the hierarchy system that was in place in society and the important inventions that they made, especially in farming. We will then compare this to the Anglo-Saxons from our previous learning in the Autumn Term with a focus on the similarities and differences between the Maya City States and the Anglo-Saxon Kingdoms; drawing on the archaeological evidence available to us.

**Art** Sculpture - clay: How can flowers inspire artists?

In this sculpture unit using clay, children will build on their knowledge and skills of sculpture and clay that they have studied through LKS2 and KS1. Children will learn from great artists and evaluate and analyse creative works using the language of art. Children will produce their own creative work, exploring their ideas and recording their experiences. They will begin to demonstrate proficiency in sculpture techniques.

**DT** Food & nutrition - Central America on a plate - How can we cook a dish that celebrates its cultural flavours?

Embark on a flavorful journey exploring how culture and seasonality define Central American cuisine. Students develop independence by adapting traditional recipes for improved texture and presentation. By mastering a multi-step process, they'll prepare authentic tortillas, salsa, and guacamole with technical precision.

Alongside cooking, children learn vital food safety rules and tool selection. To conclude, they'll evaluate their dishes for taste and authenticity, reflecting on improvements. This unit turns the kitchen into a vibrant, educational cultural classroom—and a very delicious one!

## English

**Fiction: Straw into Gold**  
To write a retelling of a well-known fairy tale from slightly altered perspectives

**Non-fiction: Letter Writing**  
To write a letter of persuasion

**Poetry: Is This a Poem?**  
To write an original poem, making choices and decisions about form and content

**Non-fiction: Happy Here: 10 Stories from Black Authors & Illustrators**  
To write a short story about gaining confidence

## PSHE

Sex and relationship education: Growing up and changing

## RE

What does it mean to be a humanist in Britain today?  
What can be done to reduce racism – can religion help?

## Computing

Creating media – Introduction to vector graphics  
Programming – Selection in quizzes  
Online safety: When In Doubt, Discuss & Digital Well-being

## Music

The children will explore examples of romantic music through Russian composers such as Tchaikovsky and Mussorgsky. Using a painting as inspiration (like Mussorgsky), they will create a melody and an accompaniment of their choice, notating as they wish

**French** Numbers to 100  
At the supermarket

**PE** Athletics, Yoga,  
Cricket & Rounders

## Maths

**Geometry Property of Shape**  
Children will build on their knowledge of shape and will be looking closely at the angles and learning how to classify, estimate and measure these angles as well as learning to draw them accurately.

**Position and Direction**  
Children will learn to identify, describe and draw shapes on to quadrant frames using coordinates to help position them. They will recognise that the shape itself has not changed and be able to explain how shapes can be reflected or translated

**Decimals** Children will return to decimals and connect to previous learning as they build confidence in adding, subtracting and multiplying with decimals

**Negative Numbers**  
Children will learn about negative numbers and be able to compare and order them as well as finding the difference between them when solving problems in real life contexts.

**Measurement Converting Units**  
Children will have opportunity to embed learning with in multiplication and division and the relationship with decimals as they convert units of measure. By solving problems and recognising relationships between units of measure children will become confident converting units.

**Volume**  
Children will learn about estimating and calculating the volume of shapes as well as estimating the capacity of containers.

**Geography** What trees, plants and animals are in our local ecosystem?

Students explore UK biomes through a New Forest case study, discovering local biodiversity. After mastering six-figure grid references, they'll conduct fieldwork to investigate plant and animal frequency nearby. By observing, measuring, and recording data, children will analyze results to draw conclusions and evaluate their process. This unit bridges the gap between the classroom and the great outdoors, turning students into capable environmental researchers.