

# Year 4 - Summer Term

## Science What is sound?

During this unit of work, children will learn how vibrations cause sounds and how sounds travel through different mediums at different speeds. They will explore how sounds can change in pitch and loudness and be able to explain this using scientific language. They will develop their scientific skills by planning two fair test investigations to answer the questions: which material is the best at muffling sounds and does the size of the pinnae affect the volume of the sound? Children will also learn what happens to sound vibrations when they reach the ear.

## Geography How can we record and measure weather phenomena?

In this unit, children will review their knowledge of weather and climate differences. Children will learn about the six main climate zones and the weather conditions in each. To understand weather forecasts, children will learn about the symbols used to display weather conditions. They will also be introduced to various weather instruments such as anemometers, rain gauges, and thermometers, and their uses in measuring wind speed, rainfall, and temperature respectively. Children will be encouraged to make informed choices to decide which weather phenomena they want to observe and measure. They will collect and record weather data from the school grounds using these instruments. Children will make sensible predictions based on weather trends and patterns. They will analyse the collected data and identify weather trends and patterns. Children will evaluate the fieldwork they have carried out.

## Art Sculpture - clay: What can pottery tell us about the past?

In this sculpture unit using clay, children will build on their knowledge and skills of sculpture and clay that they have studied through their previous work. Children will learn from great artists and begin to 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 develop proficiency in sculpture techniques

## DT Cooking - bread

In this unit, children will gain an insight into the history of bread production, then investigate and evaluate existing bread products. They will create design criteria which will be referred to when designing, making and evaluating their own bread product. Children use a range of skills and techniques using simple kitchen tools and measuring equipment, they will learn how to knead dough correctly and the technique of proving bread.

## English

**Fiction: Monster Slayer**  
To write a further 'episode' about a monster slayer's victory over an evil creature

**Non-Fiction: Anthology of Intriguing Animals**  
To write an information text about an unusual animal organised in a specific way

**Fiction: Selkie**  
To write an original sea myth

**Poetry: Carry Me Away**  
To write a poem about a chosen animal organised in a specific way

**PSHE** Identity, society and equality: Diverse Britain  
Careers, financial capability and economic wellbeing: Borrowing and earning money

**RE**  
How do people from religious and non-religious communities celebrate key festivals?  
How and why do people mark the significant events of life?

**Computing**  
Creating media - Photo editing  
Programming - Repetition in games  
Online safety: When In Doubt, Discuss & Digital Well-being

## Music

Children explore disabilities in music and discover performers and musicians who have had successful careers with these. They will explore improvisation through jazz music. They will improvise their own four beat section over a jazz chord sequence

**French** Sports and hobbies & The weather

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

## Maths

**Decimals**  
Children will continue to build on their knowledge of decimals as they partition, compare and order decimals. As well as rounding and learning the decimals for halves and quarters.

**Money**  
This gives opportunity for children to revisit their learning on addition and subtraction when they solve problems with money. The children will learn to write money using decimals as well as estimating and comparing amounts.

**Time**  
Children will build on their learning for telling time in Y3 focusing on understanding digital time on the 24 hour clock and securing their understanding of the relationship between second, minute hours and days into weeks, months and years.

**Geometry Property of Shape**  
Children embed their knowledge of shape and angles from Y3 when they explore angles within triangles and other shapes. They become confident at recognising and discussing properties of shapes including symmetry.

**Position and Direction**  
Children will learn to plot and move objects on a grid using coordinates as well as learning to translate shapes on a grid.

**Statistics**  
Children will have opportunity to embed learning from place value and addition and subtractions as they interpret, answer and ask questions from a range of graphs including a focus on interpreting and drawing line graphs.

## History How did the Roman Empire impact Britain?

This unit looks at the Romans and their achievements from 43 CE to 410 CE. They will explore what life was like in early Rome, who was in charge and held the power across the Empire and how the emperors trained up their powerful armies. This moves onto the Roman invasion of Britain: a comparison between the existing Celtic villages and the new Roman settlements, alongside finding out how the Romans protected their new lands and an introduction to significant historical figures of the time such as Boudicca. The unit finishes with a study of the final years of the Roman Empire and the events that led to its downfall.