

**YEAR 4**

**Term 2**

**Autumn 2024**



## Key Vocabulary

English - canopic jar, sarcophagus, mummification, embalming, pharaoh, ancient  
Math – addition, subtraction, calculation, efficient, exchange, estimate  
Science – electricity, mains, battery cell, current, insulator, conductor  
Computing – image, digital, edit, crop, saturation, cloning  
History – civilisation, hieroglyph, archaeologists, sarcophagus, construction, hierarchy

## English

English this term links directly to the Egyptians as we will be reading 'Marcy and the Riddle of the Sphinx' as our reading text. This story will complement our writing topic as this term we look at creating a hybrid text, taking the form of an instructional and information text explain how to mummify a tomato. Within this unit we will revisit adverbs and look at creating sentences with fronted adverbials. We will then look at the following new skills and techniques including the following in our writing:

- Imperative verbs
- Structure
- Audience, technical vocab

## Mathematics

In Year 4 Maths, we will be learning about:

- Addition and Subtraction
- Area
- Multiplication and Division

Addition and Subtraction builds on our previous topic of Place Value where students will be applying their knowledge and building on their learning from Year 3 to now add and subtract 4-digit numbers with multiple exchanges. After this, we will look at the small unit of Area, before moving onto a key part of the Year 4 Mathematics curriculum, Multiplication and Division. Students will learn the multiplication facts to 12 before applying this knowledge to multiple 2- and 3-digit numbers.

## Science

For science we will be learning about animals including humans. This unit will involve us looking at food chains and the transfer of nutrients before investigating the human digestive system. We will start with the mouth and teeth to then having a go at recreating the digestive process, turning food into poo.

## Computing

The Computing unit for this term is photo editing. Throughout this unit students will develop an understanding of how digital images can be changed and edited to then be resaved and reused. We will learn skills such as recolouring, cloning, combining and then evaluating their images.

## Religious Education

Within Religious Education this term we will be exploring Christianity and the key theme of Christmas. Throughout this unit we will build an understanding of the symbolism in the Christmas story and consider what the different parts mean for Christians.

## P.E.

Our P.E. units this term are hockey and Gymnastics. Within Hockey we will learn dribbling and moving with the ball, passing, controlling the ball and scoring and defending. With our Gymnastics unit we will explore jumping, travelling, balance and sequences.

## Spanish

We will be learning to read, say and understand commands. We will learn names of some places in town and we will practise asking where they are. We will also learn to classify feminine and masculine nouns

## History

We will be exploring the Ancient Egyptians, looking at who they were, what they did and explore if they deserve the reputation as one of the most important early civilisations. We will investigate what allowed the Ancient Egyptians to prosper and why we know so much about them.

## DT

Our DT unit, Structure: Pavilions will focus on a wide range of skills. We will first explore different shaped frames before designing a plan for a pavilion. We will then produce a strong, sturdy, stable and aesthetically pleasing pavilion.

## PSHE

In PSHE we will focus on keeping safe, managing behaviour and risk, exploring how we can play safely. We will learn about risks and how to stay safe whilst playing computer games, playing near roads, water etc and then learn about what to do in an emergency and basic first aid.

## Music

Our learning within Music will focus on sounds and recycling. We will explore the way sounds are produced and classified using our voices to make beatbox sounds and perform a jazzy round. We will also look at making instruments from junk and use these to play music.

## Learning to Learn

Our Learning to Learn focus continues to be managing distractions. We will continue to explore how we can support focus during carpet inputs and independent work as well as looking at strategies to help manage distractions.