

# Year 4 Autumn Curriculum Outline

I would like to take this opportunity to welcome the children back to school and into Year 4.

Outlined are the main topics that we will be learning about this Autumn Term. The learning intentions are taken from the 2014 National Curriculum. Those children who exceed these national expectations will be given further enrichment activities that allow them to broaden and deepen their understanding; whilst others who are working towards these national expectations and will be given necessary support.

## English

In English this term we will begin by reading **Marcy and the Riddle of the Sphinx by Joe Todd Stanton**. This book will tie in nicely with our Ancient Egyptian topic.

After the half-term break, we will be studying poetry. We will look at different types of poem including haiku and cinquains. As we get closer to Christmas, we will write some of our own Christmas-themed poetry.

Our class reader over both terms will be **The Secrets of the Sun King by Emma Carroll**. This is a book rich in vocabulary set in Egypt with themes of Egyptology and adventure.

### Our key objectives will be:

- Develop positive attitudes to reading and understanding of what they *read* by:
  - listening to and discussing a wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
  - preparing poems and play scripts to read aloud and to perform, showing understanding through intonation, tone, volume and action
- Develop positive attitudes towards and stamina for *writing* by:
  - writing narratives about personal experiences and those of others (real and fictional)
  - writing about real events
  - writing poetry
  - writing for different purpose

## Mathematics

Our key objectives for Maths will be to cover:

### Number and Place Value

- Count in multiples of 6, 7, 9, 25, 100 and 1000
- Find a 100 more or less than a given number
- Count backwards through zero to include negative numbers
- Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens and ones)
- Order and compare numbers beyond 1000
- Identify, represent and estimate numbers using different representations
- Round any number to the nearest 10, 100 or 1000
- Solve number and practical problems that involve all of the above and with increasingly large positive numbers

### Addition and Subtraction

- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where
- Estimate and use inverse operations to check answers to a calculation
- Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why

### Multiplication and Division

- Recall multiplication and division facts for multiplication tables up to  $12 \times 12$
- Use place value, known and derived facts to multiply and divide mentally
- Recognise and use factor pairs and commutativity in mental calculations
- Multiply two-digit and three-digit numbers by a one-digit number using formal written layout
- solve problems involving multiplying and adding

## Science

### *Animals including humans*

We begin our Science by learning about the digestive system. We will also find out about our teeth and how they help us to take on nutrients.

### *States of Matter*

After half term we turn our attention to states of matter, learning about solids, liquids and gases and what makes them different from each other.

## PE

This term we will be learning about invasion games, playing netball in our Tuesday lessons. On Thursdays, with Coach Robbie, we will be revisiting Tag Rugby, continuing to build on our skills learnt previously.

After the half-term we will move onto Hockey with Coach Robbie and Rounders in our Tuesday lesson.

Our PE lessons are on a Tuesday and Thursday this term. Your child will need to be prepared for both indoor and outdoor PE each week and should have track suit trousers as the weather gets

## Geography

Our focus for terms 1 and 2 are history. We will begin our work on Ancient Egypt by learning about its location in the world and how the country has changed since ancient times.

## History

This term we will be learning about Ancient Egypt. We will learn about the civilisation and life in Ancient Egypt as well as finding out about archaeology and how people find out about people who lived thousands of years ago.

## Art and DT

In Art this term we will be learning about reflection and perspective when using watercolour. We will look at the art of Augustus Osborne Lamplough, a British artist who created paintings of the River Nile.

In Term 2 we will put our design and technology skills to the test as we create our own festive Christmas pop up cards.

## RE

### *Creation & Fall*

We begin our RE this year by reading the Creation Story. We will discover what Christians learn from this story not only about the creation of the world but also God. We will also look at how this has had an impact on the wider community, encouraging people to take care this creation, the world.

### *Incarnation*

In this unit of work we will further deepen our knowledge of the Trinity. We will learn about Christian's belief in the Holy Spirit, the belief that it is God's power at work in the world and in their lives today and how Christians show their beliefs about God the Trinity in the way they live.

## French

On y va! (All aboard!) & L'argent de poche (Pocket money). The children will be listening attentively to spoken language and show understanding by joining in. In Term 1, we will explore weather phrases, days of the week and transport. In Term 2, we will revise and expand our knowledge of numbers and objects.

## Computing

In Term 1, we will become 'software developers' and create our educational games, which include variables, using the computer programme Scratch. In Term 2, we will become 'toy designers' and using this same programme create a prototype of an interactive toy. Computers and ICT is also something which we use regularly in our lessons, to carry out research, publish our work and regularly practise our times tables on 'Times Tables Rockstars'.

## PSHE

We will be continuing to use the Coram Scarf materials. We will begin the term by thinking about our relationships and then move on to exploring how we are different and why that is a good thing.

## Music

We will continue to use Kapow music, having our music lessons with Mrs Holdak on Tuesday afternoons.