



# Half Term Curriculum Overview



Year 4 - Spring 1: 2023 - 24

## English

- This term, we will be learning about a range of texts, including instructional writing, letter writing and poetry. Children will focus on the differences in structure as well as ways of choosing vocabulary for dramatic impact.
- Instructional writing: To create a recipe book of potions.
- Letter writing: To conduct an interview, write notes and create a letter to describe the effects of anaesthetic
- Poetry: To focus on rhyming couplets using Macbeth as a stimulus.
- In terms of punctuation and grammar, children will focus on starting sentences with fronted adverbials and using apostrophes to mark singular and plural possession.

## Computing

### We are Toy Designers!

- Use technology safely/search technologies effectively.
- In this unit, children will develop their skills in designing, writing and debugging programs to accomplish specific goals.

## Spanish

- Where do you live? - Nationalities.
- How do others celebrate festivals E.g. Spaniards- La Tomatina, Las Fallas and others.

## Topic – Potions!

### Science

#### Electricity

Children will construct a simple series electrical circuit, identifying and naming its basic parts. They will explore some common conductors and insulators, and associate metals with being good conductors.

#### History

Children will research and create the timeline of history of anaesthesia.

#### Art/D&T

In Art, children will use sketching and painting techniques to create potion bottles, shadow and reflection of light in the glass.

In D&T, children will select and use a wide range of materials, according to their functional properties and aesthetic qualities, to design and create their own potion bottles.

#### RE

Hinduism - study of the Hindu festival, Janmashtami which celebrates the birth of Lord Krishna. Children will explore the belief that there are many different gods who represent aspects of the one supreme God in Hinduism.

#### PSHE

Health and Wellbeing- Growing and Changing.

What is puberty? Children will learn about the emotional and physical changes that occur during puberty. They will also reflect on how to maintain their physical and mental health.

## Music

Year 4 will be focusing on the West African drumming tradition and learning about the use of drums as a form of communication and musical tradition. They will be developing their ensemble playing, keeping a consistent pulse/beat and building on the difficulty of rhythms. We will explore polyrhythms and develop students' abilities to play different parts together.

## Mathematics

### Multiplication and Division

- To recognise and use factor pairs and commutativity in mental calculations.
- To multiply two-digit and three-digit numbers by a one-digit number using the formal written layout.
- To solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by one digit, integer scaling problems and harder correspondence problems such as  $n$  objects are connected to  $m$  objects.
- To recall and use multiplication and division facts up to  $12 \times 12$ .

### Length and perimeter

### Fractions

- Children will consolidate their understanding of recognising fractions in different representations, including bar models, drawings and number lines. They will explore improper fractions and solve real-life problems based on these. Using manipulatives, children will learn to add and subtract fractions with the same denominator, including those with answers greater than one whole.

## P.E.

- Gymnastics – matching and mirroring movements. The children will be learning how to mirror each other's balances using both high and low balancing skills.
- Games – Invasion games. The children will be learning invasion techniques and game skills.

## Homework

- **Project**: Project will be due at the end of the half term
- **Spellings**: 10 words to learn weekly for Friday
- **Reading**: 15 minutes a day and signed by adult weekly
- **Mathematics**: Learn all times tables up to  $12 \times 12$ .