

## Art & Design, Design and Technology and Music

In **Art**, we will be focusing on sculpture, using a variety of 'mega materials'.

In **DT**, we will be focusing on mechanical systems and making a slingshot car.

In **Music** in Spring 1 we will be singing 'swing' rhythms and playing chord sequences on tuned percussion. After half term, we will be learning songs for our production.

## Maths

This term, we will be exploring different multiplication methods, including formal written multiplication. We will also begin to look at fractions, including equivalent fractions, calculating with fractions and adding and subtracting fractions. Year 4 children will be studying decimals. They will learn how to represent hundredths and tenths as decimals and how to divide a one or two digit number by 10. We will also be studying length and perimeter.

## English

The children will build on their work from the Autumn term learning how to write texts that entertain, persuade and inform their reader. English units are based around engaging high-quality texts. We will write narratives, non-fiction and poetry focusing on a newspaper article, travel leaflet, narrative and haiku poetry. We will focus on accurate punctuation and writing a variety of sentence types with effective vocabulary. We will develop spelling knowledge by investigating and learning spelling rules and patterns. In whole class **Reading** we will read fiction and non-fiction texts to develop fluency and comprehension skills. Children will learn to discuss what they are reading with their classmates and will develop their vocabulary. These skills will feed into their writing.

## PE

In outdoor PE this term, we will be learning how to play handball. This is an exciting team sport that requires excellent communication and hand-eye coordination. In indoor PE we will be doing problem-solving and dance. After half term, we will be focusing on dance for the Lower Key Stage 2 play. Year 3 and 4 children will be swimming this term.

## PSHE & RE

In **RE** our enquiry question is 'Can Buddhist teachings make the world a better place?' We will be reading and discussing Buddhist teachings and stories.

In **PSHE**, our topics are 'Dreams and Goals' and 'Healthy Me'. In our Dreams and Goals topic, we will focus on our aspirations and how we can challenge ourselves. We will work together on a challenge, focusing on team building and overcoming obstacles. In Healthy Me, we will investigate how to keep ourselves fit and healthy.

## History

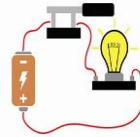
This term we will be learning about Roman Britain. Children will learn about the impact of the Roman invasion of Britain on the lives of the Celts. They will use a variety of sources to investigate whether the Roman settlement was a positive experience and will explore the long-term legacy of the Romans in Britain.

## Geography

In Geography this term, we will be studying Rivers. Children will learn to name and locate some of the UK and the world's rivers and mountains, learn about the features of the Thames and understand where rivers and mountains fit into the water cycle.

## Lower Key Stage 2

## Spring Year B



## Science

In **Science** our topics are Forces and Magnets and Electricity. We will be carrying out investigations such as the testing the strength of different magnets and developing our fair test skills. We will be building electrical circuits, learning the components and investigating how changing components affects a circuit.

## Computing

In Computing, we will be programming our own games using Scratch and other programmes. We will be using the different commands on Scratch to create simulations which people will be able to respond to. We will also look at how to debug our programmes, should there be any flaws that need fixing.

## Modern Foreign Languages

In **French**, in the first half term we will be saying what I and others do. After half term, we will be saying how many and describing things. The children will be continuing to develop their French phonics and vocabulary to enable them to speak and read simple phrases and sentences.