

## English

In year 5, the children will be learning to write fiction for entertainment. The children will be using new grammar to create suspense and description of a forest setting. The children will learn to use the present perfect tense, use time adverbials and use relative clauses in their writing.

In year 6, we are writing adventure stories inspired by The London Eye Mystery. We have been practising using dialogue, so we can use it to describe characters and move the story on. We are continuing to revise apostrophes and speech punctuation and are also working hard to improve our vocabulary.

## Science

In years 5 and 6, the children will be learning how to classify plants and animals, according to their characteristics. First, the children will classify plants and animals based on their properties, such as height and colour. The children will then create classification keys. The children will then understand that bacteria, virus and fungi are micro-organisms and classify micro-organisms depending on their shape.

## Maths

In Year 5 pupils will study the following key areas:

- Fractions
- Multiplication and division
- Decimals and percentages
- Perimeter and area

In Year 6 pupils will study the following key areas:

- Fractions, decimals and percentages
- Shape including angles
- Measure including area and perimeter and volume
- Statistics

## Art

Children in year 5 and 6 will be looked at chiaroscuro and art from the Renaissance period. They will be able to identify the influences and inspiration of great artists and designers through research presented in sketchbooks, as well as identify techniques used by great artists and designers in their work and apply this in my own work. The children will be able to explain how an idea or theme has been communicated through different forms and styles (for example, how climate change has been addressed through sculptural pieces and through photography). The children will then experiment with chiaroscuro, using different mediums such as pencil and charcoal.



## Year 5 and Year 6 Spring Term

## Design Technology

The children in UKS2 will be learning about bridges this term.

The children will analyse structural designs in terms of functionality, aesthetics and materials. They will then design and be able to make prototype models to test strength and functionality. This term, they will use a range of appropriate tools competently to construct a model based on their design. Lastly, the children will evaluate a product on appearance and function against an original design criteria and justify decisions made in the design and making process.

## Geography

This term, the children in years 5 and 6 will be learning the difference between the weather and climate. They will do this by researching different climate zones around the world and their effects on local weather systems. These will include polar, mediterranean, temperate, mountain, arid and tropical. The children will then go on to learn about biomes and how different life flourishes in different environments.

## History

This term, the children will continue their study into the Ancient Maya civilisation. The children will learn about and describe food production in the Maya civilisation. The children will then describe how the ancient Maya traded with each other, as well as what types of food were popular at the time. They will then learn about achievements of Pakal the Great and understand social class in the Maya civilisation. The children will study the importance of the ancient Maya's achievements in developing their writing and numerical system and calendar.

## Other Subjects

In RE, the children will be looking into the Jewish faith by conducting the enquiry 'What is the best way for a Jew to show commitment to God?' Through this, the children will focus on commitments of religion, rites of passage as well as traditions.

In PE, the children will be learning balances, rolls and transitions in gymnastics.

In Spanish, the children will be focusing on their reading through reading texts to do with different habitats.