

## English

In term 1, we will be exploring the legends of the Maya and retelling them from different perspectives. In our non-fiction work, we will write non-chronological reports using our work in science as a basis.

In term 2, we will be reading Philip Pullman's *Clockwork* and will think critically, justifying preferences and discussing viewpoints other than our own, as well as analysing the way the author has used sentence structure, punctuation and vocabulary for effect. We will develop skills of building up atmosphere in narrative writing, as well as non-fiction instruction writing.

Spelling, punctuation and grammar will be taught throughout.

## Science

How do plants and animals reproduce? We will study the life cycles of mammals, amphibians, insects & birds, including some unusual examples like egg-laying mammals & marsupials. What scientists have been instrumental in building our understanding?

In term 2, through practical experiments we will explore and measure forces including gravity, friction, air and water resistance.

## Geography

How are mountains formed? What are mountain environments like? What's the difference between a mountain and a volcano?

Our topic in term 2 will be Mountains and Volcanoes.

## DT

We will be investigating cams and planning and designing, making and evaluating a moving toy based on 'Clockwork'.

## ART

We will be looking carefully at Rousseau's *Tiger in a Tropical Storm* - at the idea, the composition and the techniques used.

We will be responding imaginatively through art, music and writing.

## PSHCE

We will be following the Jigsaw programme - bringing together PSHCE education, emotional literacy, social skills and spiritual development in a comprehensive scheme of learning .

Our Themes for term 1 and 2 are: Being Me in my World and celebrating difference. 5EC will be following the "Friends" programme.

## Mathematics

In Terms 1 and 2, our focus will be on numbers. We will extend our understanding of place value, reading and writing numbers up to a million. And interpreting negative numbers in context.

We will learn how to use formal written methods for addition and subtraction and solve multi-step problems— deciding which operations to use and explaining why.

We will learn long multiplication and short division methods. We will solve problems using knowledge of factors/multiples and squares and cubes.

Children will practice and learn tables up to 12x12.

## History

Who were the Maya? When and where did they live? How was their society and beliefs different from ours and from their European contemporaries? Why was the last Mayan writing in 909AD? We will be developing our skills of historical enquiry, chronology and interpretation of sources through answering these questions.

## RE

Through discussion, children will consider the role of Jesus and the Bible as authority models for Christians.

We will explore the differences between some of the Christian denominations such as the style and decoration of their churches and beliefs and practices around communion and baptism.

## Computing

How do you write a great online game? We will design, write and debug programs using sequence, selection and repetition to create an interactive game. We will use logical reasoning to explain how simple algorithms work and to detect and correct simple errors (bugs).

We will develop our understanding of computer networks, including the internet.



## Year 5 Curriculum Terms 1 and 2



## PE

Handball/Circuit training. We will practise the skills of passing, travelling, receiving, shooting and learn how to mark an opponent effectively. We will demonstrate a range of skills using one and two hands.

We will be following and creating circuits to develop stamina, skills and partner work.

## Music

We will begin to develop an understanding of the history of music, listening to and exploring early Medieval music and its notation.

The children will create compositions inspired by their listening and experiment with notating their own work.

The children will perform together in preparation for carol services and other public performances.