

# Year 5 - Spring Term Curriculum Map

## **MATHS**

In Maths, we are going to be completing the following units: Multiplication and Division, Fractions, Decimals and Percentages, Perimeter and Area and Statistics. We will be encouraging the children to use mathematical thinking and build on their metacognitive skills. We will be focusing more on deeper thinking by ensuring children are using mathematical vocabulary when answering reasoning questions.

## **ENGLISH**

In English, we are going to be reading one main texts which are 'The Last Bear' and 'Hidden Figures', as well as a range of poems. During our lessons, the children will write in a variety of styles such as letters, diaries, debates, poems, narratives. During the week, the children will have 3 sessions dedicated to reading and developing skills of inference and comprehension.

## **SCIENCE**

This term, pupils will be learning about:

- Earth and Space – including the planets in the Solar System, as well as how we get day and night due to the rotation of the Earth.
- Forces – including the effects of gravity, air and water resistance.

## **KEY TEXTS**

- The Last Bear
- Hidden Figures
- The Sleeper and the Spindle
- 'This Rock That Rock'

## **HISTORY**

This term, year 5 will be learning all about the Anglo-Saxons and Vikings. We will learn when the Vikings lived and what life was like at the time for the Anglo-Saxons who were invaded by the Vikings. Throughout the unit, we will study key figures, such as Alfred the Great, as well as how the Anglo-Saxon and Viking era ended.

## **GEOGRAPHY**

This term in Geography, we will be learning about the Himalayas and Mount Everest. We will be exploring the physical features of mountains, as well as what life is like for the people who live near the base of Mount Everest. We will also be learning about how the climb to Mount Everest affects tourism in the area, and how climbers have to prepare for the ascent.

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## PE

During the Autumn term, Year 5 are going to be learning: Basketball, Gymnastics and Swimming. While doing Basketball they will learn how to travel with the ball, as well as how to move to find space in a game. During Gymnastics lessons, we will be learning how to safely stretch and balance, as well as how to create gymnastic routines.

## Spiritual, moral, social and cultural development (SMSC) PSHE/RE

- In PSHE, pupils will learn about how everyone has a unique identity, as well as how to communicate healthily with friends.
- In RE, pupils will learn about why Christians believe Jesus is the Messiah, as well as Judaism and the Torah.

## MUSIC

In Music, we use the Leicestershire Music scheme of lessons in which pupils learn:

- To understand musical notation.
- To be able to find the tempo of different pieces of music.
- To perform music as a group.

## ART/DT

- In Art, pupils will be creating their own piece of rocket-themed art, based on the work of Peter Thorpe.
- In DT, pupils will be designing and making their own moon-buggies, linked to our Space topic.

## COMPUTING

- **Physical Computing**- How to program a simple circuit connected to a computer. They will learn how to program a crumble microcontroller using a simple coding language.
- **Flat-File Databases** – How to use databases to store and find information.

## LANGUAGES

This term during French, pupils will learn the vocabulary for:

- Numbers
- School subjects
- Transport
- Classroom items