

# Spring

## English Reading

In our first half term we will be reading various shorter texts to develop our Comprehension and fluency knowledge. We will be using some extracts of Shakespeare inspired texts linked to our writing unit.

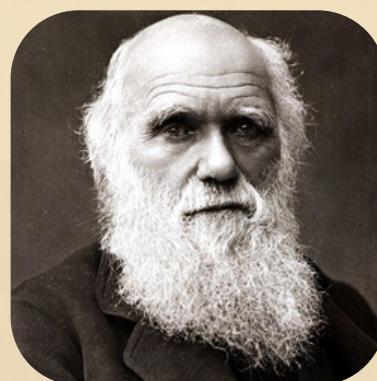
We will also be reading 'The Explorer' by Katherine Rundell, focusing on the author's language choices and vocabulary. We will also be comparing the text with other texts which we have read by the same authour.



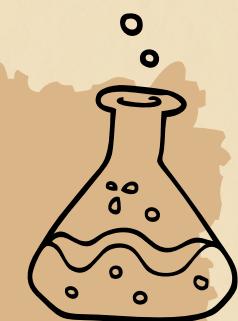
This Term's Books!



This Term's work is linked to the Scientist...



## Science



Our first unit is Evolution and Inheritance, we will be learning about the theory of evolution and how this has impacted different species of animals around the world. As part of this we will be thinking about our own families and the features that we have inherited from each other.

In Spring 2, we will be covering 'Living Things and Their Habitats'. In this unit we will be exploring ways of classifying plants and animals in different ways based on their key characteristics.

## English Writing



We will start our Spring term with our poetry unit where we will read a poem inspired by 'The Secret Garden' and writing our own poems in the same style.

We will then be exploring the work of William Shakespeare and the story of Macbeth. We will be writing various short narrative pieces inspired by this classic story, focusing on our own use of dialogue.

In Spring 2, we will be inspired by our reading text to write in a journalistic style.

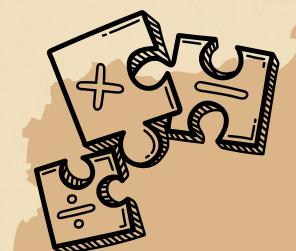
## Maths

We will start by learning about decimals- deveoing our understanding of place value of decimal numbers whilst also learning to multiply and divide decimals.

We will also be working on percentages: focusing on finding percentages using different quantities and recognising equivalent fractions, decimals and percentages.

We will also explore different problems involving ratio and proportion including those involving shape.

In maths, we will also recap and develop our understanding of geometry and shape including placing shapes on a co-ordinates grid.



## RE

Our first unit in Spring 1 is focused on the religion of Islam. Our key question is 'What is Hajj?'. We will be revisiting our prior learning about the five pillars of Islam- focusing on the concept of Hajj and what it means to participate in a pilgrimage.



In Spring 2, we will be exploring Christianity and asking the question 'Why do Christians think Good Friday is Good?'. We will be learning about the journey that Jesus made before he died and why this is significant to Christians.



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## Physical Education

In Spring 1, our PE units are fitness and golf.

In Spring 2, our units are tennis and hockey.

## History

Our history topic in Spring 1 is the Windrush Generation. In this topic we will be learning about why the Windrush Generation were brought to the UK, linking to our understanding of WW2 and the impact of Britain.

We will explore how people from this generation were treated and consider how we can learn from history. We will also use historical data to learn about the local area and where people settled.

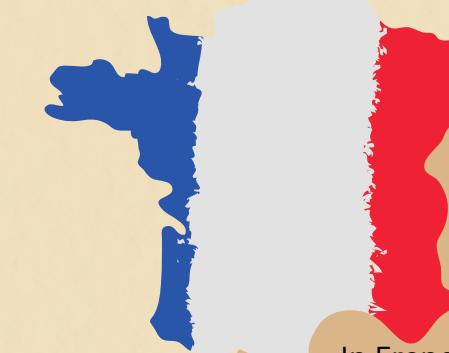


## Geography

In Spring 2, our Geography topic is 'Where does our energy come from?'

We will be finding out what energy is and why it is important to our lives. We will be exploring different sources of energy, including renewable and non-renewable energy. For each energy source, we will consider the benefits and drawbacks and consider how energy might change in the future.

We will also complete some local fieldwork to find out how energy is generated for our local area and what we could do to be more environmentally friendly.



## Modern Foreign Languages

In French our unit is Le Weekend, we will be learning to talk and write about activities that people can do and sharing our opinion about them. We will be able to have a simple conversation about the activities that we do with other people.

## RSE

In year 6 we will be completing the last lessons in the unit Family and Relationships, looking at: resolving conflict through negotiation and compromise and grief before moving onto the unit 'Safety and the changing body' where the children will learn about the reliability of online information; the changes experienced during puberty; how a baby is conceived and develops and how to administer first aid to someone who is choking or unresponsive. After half term we will look at Economic Wellbeing exploring; choices around money and keeping money safe; understanding the risks of gambling and finally potential careers.



# Spring

## Music

In year 6, the children will continue to develop their knowledge and understanding of their chosen instruments. We will be working towards our performance as part of HPAN at the Brindley where we will perform our instruments.

**Please ensure instruments are in on Tuesdays.**

## Art and Design

In art, we are completing the unit **Drawing: Expressing Ideas** where we will explore different styles of street art and how artists express their ideas and opinions.

In this unit we will develop an understanding of creating a sense of depth and perspective. We will also be creating artwork for our HPAN exhibition at the shopping city.

## Design Technology

This term our DT unit is **Structures: Playgrounds**. Pupils will be exploring the structure of different playgrounds and using their findings to plan, build and evaluate their own model playground.

For this unit which we will do after half term- it would be really helpful to have a range of junk materials for building such as boxes and tubes. Please ensure they follow our allergy guidance: no 'may contain peanuts or peanut products'



## Computing

In our Programming unit, year 6 will be learning the fundamentals of the programming language of Python, they will test, change and explain what their program does. Children will use loops and explain what repeats do and what the parts of the loop do while recognising that computers choose random numbers and decompose the program into an algorithm.

After half term our unit is Big Data, the children will understand the use of big data including barcodes, QR codes, infrared, and RFID technologies. Children will create and scan their own QR codes, manipulate real-time data in spreadsheets, and present their findings. They also analyse transport data to understand its usefulness to commuters.

