

# This half term Year 5 are learning about:



## English

In English, we will begin the term by continuing 'Freedom Bird' by Jerdine Nolen. Children will be writing a poem and then a biography of Harriet Tubman, one of the most famous conductors of the Underground Railroad, to conclude the unit. We will then read 'The Sleeper and The Spindle' by Neil Gaiman and Chris Riddell. The children will explore and discuss fairytales and how this fairytale subverts the genre. They will create narratives, dialogue, character descriptions, setting descriptions (estate agents' adverts), and diary entries before using the ideas and authorial devices identified within the text to plan, draft, edit and publish their own subverted fairytale using the idea of 'The Queen and the Glass Coffin' to write a sequel. After this, we will read 'The Lost Happy Endings' by Carol Ann Duffy. In Whole-Class reading, we will be finishing 'Black and British: A short, essential history' by David Olusoga. We will be practising VIPERS throughout – Vocabulary, Infer, Predict, Explain, Retrieve and Summarise. We will continue to learn and practise spelling rules, grammar, and handwriting.

## Mathematics



In Mathematics, Year 5 will be starting the term by exploring decimals. The children will learn how to read and write decimal numbers, how to order and compare them, and finally how to add, subtract and round them. We will then cover percentages which begins with comparing quantities and exposing percentage as an amount out of 100. We will convert fractions to hundredths, both by expanding fractions and by simplifying them. After this, we will cover geometry. It explores angles: measuring angles, the investigation of angles on a line/point and drawing angles, before moving onto using angles as a descriptor for common shapes. Children will solve problems involving angles and investigating angles inside regular polygons. Then, the children will be learning about position and movement, including naming and plotting points on a grid before moving onto describing the translation, movement and reflections of a shape on a grid. We will be naming and plotting points on a grid before moving onto the translation of a shape and then will describe the movement of a shape on a grid. The chapter ends with pupils looking at and describing reflections across a mirror line. The children will also continue to develop their arithmetic skills during weekly tests and daily Morning Work sessions.

## History: The Railway Revolution

In History, Year 5 will be learning about The Railway Revolution. The children will explore how the lives of people living in Britain changed thanks to the developments of steam engines and the growth of the railway network across the country. They will increase their historical enquiry, and historical and chronological understanding of this important period by studying a range of primary and secondary sources such as timelines and graphs.

## Science: Earth and Space

In Science, the children will complete their topic learning about forces and mechanisms and move on to Earth and Space. They will begin by discovering about the Earth, sun and moon. After this, they will learn about the planets, conducting their own research and presenting this to the class. We will explore the movement of the moon relative to the Earth and use the idea of the Earth's rotation to explain day and night. We will also study how scientific ideas have changed over time.

## ART

In Art, Year 5 will be learning about collage based on creations by Beatriz Milhazes. They will explore the skills needed to create a collage in the style of Milhazes and will use inspiration from Beatriz Milhazes to create their own work, using a combination of bright colours, straight lines, concentric circles and materials.

## RE



The first topic of the term is 'Transformation' which will enable the children to learn about the gift of the Holy Spirit and how it can transform lives. After this, they will then begin their second topic called 'Freedom and Responsibility'. In this unit, the children will begin to make links to show how feelings and beliefs about reconciliation affect their behaviour and that of others and give reasons why believers seek forgiveness and forgive those who have hurt them. We will also cover Islam as our other faiths topic.

## PE

In PE, Year 5 will focus on dance and athletics. In dance, the children will have the opportunity to repeat the movement patterns and actions of the chosen dance style before then improvising and creating their own sequences to music.

In athletics, children will develop their running, throwing, and jumping skills. They'll improve techniques for jumping and throwing, as well as learning to measure and record the distance and height jumped.

Children will need an outdoor P.E kit which could include black tracksuit bottoms and a jumper. For dance, children will need indoor PE kits which consist of a white T-shirt and black shorts.

## Key Vocabulary

This term, some of the words that we will be learning in Year 5 include:

1. revolution
2. diagram
3. transformation
4. texture
5. structure
6. sequence
7. support

## PSHE

In our Mission Circles/Circle Time, we will be exploring missionary discipleship, faith, vocation, witness, example/social media and communication. In all these areas, the children will discuss the key concept, and reflect on how it relates to their own lives.

## Computing

Children will continue to learn about Internet Safety and Coding. In Coding, the children will use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs. In the last unit, the children will look at Databases. They will search a database to find information, as well as entering information into a class database. Finally, they will use the skills they have learnt to construct their own database.

## Things to do at home:

- ❖ Regular reading with your child.
- ❖ When they have finished the book, ask them questions about what they have read.
- ❖ Learn times tables using the Times Tables Rock Star app.
- ❖ Complete weekly homework tasks on Educake
- ❖ Practise how to tell the time (digital and analogue)

## RSE

This half term, Year 5 will begin Module 2, 'Created to love others', which explores the individual's relationship with others. Building on the understanding that we have been created out of love and for love, this module explores how we take this calling into our family, friendships, and relationships, and teaches children strategies for developing healthy relationships and keeping safe.