



English

Children study a range of texts and use these to develop their reading and writing skills. In story time, they will read:

Harry Potter and the Philosopher's Stone by J.K. Rowling

In this unit, the children develop their narrative skills and consider how to make their writing interesting for the reader using a range of literary and grammatical techniques.

The Boy at the Back of the Class by Onjali Q. Rauf

The children explore both their RE learning on sense of self and hope and our PSHE focus of family and people who care for us. They use this to write a range of texts including a newspaper report: "Syrian boy separated from his family".

The Wonder Garden by Jenny Broom

The children apply their geography knowledge to learn about a range of habitats and analyse the vocabulary and grammar used and then apply this to create their own non-fiction report.

Maths



Place Value

Children are given an understanding of the place value of 6-digit numbers, including those with up to 2 decimal places. They learn to round numbers and to calculate using negative numbers.

Written Calculations

They use formal column addition and subtraction methods. They are taught how to use long multiplication and bus stop division. They use their understanding of place value to multiply and divide by 10, 100 and 1000.

Problem Solving

Across all topics, children are encouraged to use bar-modelling in order to understand the question and what calculations they need to do.

Science

Every Day Materials

During this topic, the children investigate how substances can be dissolved and how substances can be recovered from a solution. They group everyday materials according to their properties using scientific vocabulary: solubility, transparency, conductivity (electrical and thermal), and response to magnets. They explore reversible and irreversible changes.



RE



Ourselves

Each person is made in the image and likeness of God. Children learn that to know ourselves, and to appreciate our value and uniqueness is central to our well-being. The children learn to describe and show an understanding of the scripture, beliefs, feelings and the experience of being made in the likeness of God. They also learn to give reasons why Christians believe in peace.

Computing



E safety

The children recap online safety and discuss an agreed set of rules for using the internet. We discuss keeping personal information and passwords private and how to choose a secure password. They learn to recognise the risks and rewards of using internet communication tools and understand how to protect themselves and the devices they use. The use of social media is introduced as a form of communication. The children debate pros and cons of social media and devise a code of conduct for its use.

Computer Science

During this unit the children continue with the progressive coding unit on the program 'Purple Mash'. They begin to use the 'if' and 'then' commands and refine procedures using repeat commands.



History

What was the Industrial Revolution?

Children unpick the reasons for the Industrial Revolution, why it was necessary and how it impacts upon modern-day life today. They investigate the problems caused by the industrial revolution. They focus on life for poor children during this period and the impact this had on them before looking at child labour more widely and understanding the advantages and problems this causes. To have a first-hand experience and to enrich learning and understanding, they go on a trip to Quarry Bank Mill to experience what a real mill would have been like and what life was like for mill workers.

Geography



The children research Brazil, starting by recalling previous knowledge about the rainforest. They apply what they know about the Amazon Rainforest, including its climate, the biodiversity, and its inhabitants to examine the effects of deforestation on the country as a whole. Using a range of media, they learn about the key physical and human features of Brazil and examine the changing trade links, distribution of natural resources and economic activity.

PE



Dodgeball

Children recap on dodgeball-specific throwing and catching ball skills, progressing by learning how to increase accuracy and speed of their throws. They recap on the different methods and techniques used to dodge the ball, including jumping, ducking, and sidestepping. They develop an understanding of when to catch, dodge and block.

Wider Opportunities

Children have sessions with Lancashire Cricket Club.

Dance

Children build on their previous learning by developing the quality of their dance skills. They learn to use imagination and creativity in their movements, use transitions to link motifs and show a change of pace and timing.



Art

A Study of LS Lowry

In this unit, children are introduced to the artist 'LS Lowry'. They begin by looking at self-portraits and then create one of themselves in the same style. They investigate several paintings and begin to express their opinion on his work. They explore how art and design reflected history. They look at colours and techniques and begin to use develop a painting from a drawing in the style of Lowry.



D&T

Making Slippers

The children look at a range of slippers and explore their purpose. Using what they have learnt about weaving methods, they practise a range of stitching/weaving to determine how best they can combine different materials. They plan, design, make and evaluate a pair of slippers. Once they have made them, they reflect upon the impact the new technologies would have had on traditional sewing methods.

Music

Children are introduced to their Year 5 musical understanding. They listen to and explore songs with an Allegro tempo. They begin to recognise the time signature: 4/4 (where there is 4 crotchets in every bar). Children begin to identify, play, improvise rhythmic patterns using minims, dotted crotchets, crotchets, quavers and their rests. When playing Glockenspiels, children play melodic patterns using the notes A B C D E F# G.



French

The children revise and revisit key vocabulary for all previous topics and practise listening and responding to each other in French.

PSHE

Families and People That Care For Me.

In this topic, children learn that we find love in our families and that we can find stability and security in our family units. They learn about healthy family relationships and how to protect each other in times of difficulty. They learn that spending time together as a family is essential for a healthy home life.

Caring Friendships

The children learn how to form and maintain positive relationships with peers and understand that trust is crucial to a strong friendship.



How You Can Help

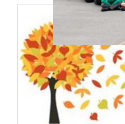
- Please ensure that your child reads **every night**.
- Record reading in your child's **reading record**.
- Practise **spellings** at home with your child. New spellings will be given out weekly and applied in their writing.
- Your child needs quick recall of all **times tables** up to 12. Please practise these at home with your child. Children should use their Timetables Rock Stars login to practise at home.
- **PE kits** should be in school every day.
- Please ensure that your child has the brings the correct equipment to school each day including: **water bottle, reading record and book bag**.
- If you have any issues, do not hesitate to contact **Miss Harkin**.



Shining as we learn in
Faith, Family and Friendship!

St William of York Catholic Primary School

What we are learning in Year 5



Autumn Term 2023

Class Routines

Homework will be available on Google Classroom by each **Friday** and must be returned by the following **Wednesday**.

Spelling test will be each Friday.

Read with your child every day for at least 10 minutes.

Log in to Times Table Rockstars regularly to practise times tables.

PE takes place every Wednesday and Friday. Children must have a full PE kit in school at all times.

Water bottles to be brought into school every day (only water allowed).

