



## English

**Children study various texts and use these to develop their reading and writing skills.**

### Boy Overboard

Children study the characters in the text and draw links between the characters. Children write a non-chronological report on refugees, based on events in the book.

### The Piano

Children work on a narrative to go alongside the film clip. They use cohesive techniques to link paragraphs and focus on showing not telling characters' emotions.

### The Highwayman

In this unit, children focus on vocabulary and reading this classic poem aloud. They write new stanzas for the poem.

## Maths



### Decimals

Children learn the relationship between fractions, decimals and percentages. They work to two decimal places and solve problems using these skills.

### Algebra

Children are taught simple algebraic formulas and use these in range of real life situations such as solving ratio problems. They look at how to use ratio in everyday scenarios.

### Measure

Children are taught how to calculate perimeter, area and volume and, by using real life scenarios, are taught to convert units of measure.

During this term, children continue to work on their problem solving and reasoning skills. They will articulate their reasoning using precise mathematical vocabulary. Across all topics, children are encouraged to use bar-modelling to facilitate their learning.

## Science



### Electricity

The children experiment with different strengths of circuits and produce conclusions about the reasons for variations. They draw circuits using scientifically accurate diagrams. They design and make a working model of a flood defence system. Children plan and carry out investigations to find out how the voltage of the batteries in a circuit affect the volume of the buzzer or the brightness of a bulb.

### Light

In this topic, the children investigate whether light travels in straight lines. They investigate how light travels using different objects such as a mirror to change the direction of the light. They investigate shadows and how the shape of the shadow changes according to which way the light is travelling. The children also have an opportunity to investigate which type of fruit makes the best fruity battery? How does the angle that a light ray hits a plane mirror affect the angle at which it reflects off the surface? Does the temperature of a light bulb go up the longer it is on? Why do some people wear glasses to see clearly?

## RE



### Sources

Children learn about how The Bible shapes the lives of Christians. They make links between scripture and Christian beliefs, ideas, feelings and experiences.

### Unity

Children show understanding of how belief in Jesus Christ and the uniting presence in Holy Communion, shapes the lives of Christians. They reflect on the links between a range of scripture texts and some parts of the Mass which express communion with Jesus and the feelings that communion with others brings.

### Death and New Life

Children learn to describe and show understanding of religious sources, beliefs, ideas, feelings and experiences connected with Lent, Good Friday, the Passion of the Lord; and the Easter Vigil making links between them. They reflect on how religious belief in death and new life shapes life.

## Geography



### What sort of town is Bolton?

During this topic the children investigate the contrasting physical and human features of Bolton following the topic on Rivington. They look at economic trade from Bolton and what Bolton produces such as comedians, radio presenters, bread and cakes. They compare three areas of Bolton: Great Lever, Bolton Town Centre and Rivington and explore why each place may be important for different reasons. They generate investigative questions such as: which place would be the best to build a new school? Which place would be the best for a day out and why?

## History



### Who are our World History Heroes?

Children revisit their learning from previous year groups to identify people they view as heroes. This includes significant historical figures they have studied including; Boudicca, Winston Churchill, Mahatma Ghandi, Martin Luther King, Henry VIII but also heroes they have studied in science and geography, such as Neil Armstrong and Charles Darwin. They research their hero and present to the rest of the class why they believe their hero is the most historically significant that period in History.

## Computing



### Computer Science

Children continue to work through the Purple Mash coding program developing their skills in writing their own algorithms as well as editing and debugging existing codes. Children use and refine testing and debugging skills that they have been using since Year 2, spending time evaluating the effectiveness of the code before making changes. New variables are introduced and children consider how to structure code to improve its quality. They animate characters and scenes, building to create a short animated story over the term.



## Art and DT

### Sustainable Fashion

During this topic, children create bags, using recycled materials. Children investigate sustainability in fashion and how designers use fashion to convey messages.

### Sculpture

During this topic, which is closely linked to our History work, children create a clay sculpture of their history hero.

## PE



### Basketball

Children learn how to beat their player when dribbling and how to protect the ball when passing and receiving. They build on their practise of devising their own rules to play a game of basketball, making them more complicated and following them successfully.

### Tag Rugby

Children build on their knowledge of tag rugby by learning the skills of passing backwards, catching, and scoring under active pressure and how to tag as a unit. They learn to lead others, communicate plans to others and create complicated rules to follow to successfully play tag rugby games.

## PSCHE



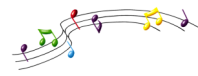
### Respectful Relationships

Children begin by looking at different cultural norms from around the world and read about what is/what's not polite in different areas of the world. Use this as a discussion point about us all being different and trying to understand the cultural norms of others help us to show respect to everyone.

### Online Relationships/Internet Safety and Harm

The children discuss social media platforms such as Snap chat and Instagram where the age limit is 13+ even games aimed at younger players have guidance that players under 13 must have parental consent before playing. Discuss why this might be – because of the content that might not be appropriate for younger people, that users can 'chat' to strangers and particularly the fact that younger people might find it difficult to cope with some online behaviour such as bullying or 'trolling'.

## Music



### Gaining Confidence through performance

During this topic, children learn the songs Disco Fever and La Bamba, they perform these songs with confidence.

### Exploring Notation

In this topic, children celebrate a wide range of musical styles. They learn the songs 'Let's Rock, Simple Gifts and Friendship Never ends.



## French

This term, children learn to tell the time; ask for, give and understand directions; practise using plural verbs and they use familiar vocabulary to write a poem.

## How You Can Help

- Please ensure that your child reads **every night**.
- Record reading in your child's **reading record**.
- Children are expected to complete **five** Reading Plus comprehensions **every week**.
- Your child needs quick recall of all **times tables** up to 12. Please practise these at home with your child.
- **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 Neille or Miss Lally**.



Shining as we learn in  
Faith, Family and Friendship!

## St William of York Catholic Primary School

What we are learning in Year 6



Spring Term 2024

## Class Routines

Log in to Times Table Rockstars and reading plus regularly to practise times tables and comprehension skills.

PE takes place every 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).

Year 6 should arrive at school for 8:45 am and be collected, or walk home at 3:20 pm.

