

Year 5 Topic Web

Spring 2, 2024



Our value this term is: **Justice**

English: Our quality text this term is The Explorer by Katherine Rundell.

- During our fictional writing we will create a **Voyage and Return** story. By using co-ordinating conjunctions, detailed expanded noun phrases with parenthesis and relative clauses we will compose wonderful stories.
- Later in the term, our non-fiction writing will be a **persuasive text**. Here we will develop our use of modal verbs, subordinating conjunctions and embedded clauses.
- One of our main spelling focus' will be to use a wider range of prefixes e.g. re, pre, inter.
- Our guided reading sessions will focus on our understanding of the grammar and punctuation skills we will need within our writing as well as developing our ability to predict what might happen to characters – considering carefully the evidence that there is in the text.

Maths: We start this term revisiting and exploring **decimals**. This will include:

- reading and writing decimal numbers.
- comparing decimal numbers.
- adding and subtracting decimals.
- turning decimals into fractions.
- rounding decimals to the nearest whole number and decimal position.

Later in the term we will learn more about **percentages**. This will include:

- comparing quantities.
- understanding percentage as an amount out of 100.
- converting fractions to hundredths (by expanding fractions and by simplifying them).

Fluency will focus on skills and facts that support the topics above, with particular priority given to fractions, decimals and multiplication facts.

PE outdoor: How can I keep possession and control of the ball in an invasion game (football)?

This term we are developing our skills to play invasion games. This includes being able to:

- follow a simple warm-up routine.
- pass and return the ball with control and precision.
- make effective decisions when they have the ball.
- move to find space when they have not got the ball.
- vary tactics and adapt skills in response to the situation they face in a game.
- comment on successful passes and shots at goal.
- keep the score.

PE indoor: How can we create characters and stories through dance?

Also, this term we will be working with others to compose a movement sequence. We will be able to:

- Warm-up and cool down for dance.
- Use simple dance moves to make up short dances and tell stories with your body.
- Perform more complex dance phrases and dances that communicate character.
- Use correct vocabulary to describe movement.
- Describe, interpret and evaluate their own and others' dances.

RE: What did Jesus do to save human beings?

Through our focus on the Christian festival of Easter, we will develop our understanding of salvation and incarnation. We will:

- explain what Christians mean when they say that Jesus' death was a sacrifice.
- consider accounts of Jesus' death and sacrifice from the Gospels.
- link these New Testament stories with how Christians celebrate Holy Communion / The Lord's Supper.
- show how Christians put their beliefs into practice.
- consider the value and impact of sacrifice in our own lives and in the world today.



Science: How do animals reproduce?

We will be able to describe the life process of reproduction in some animals and identify similarities and differences in the life cycles of mammals, amphibians, insects and birds. We will:

- plan the correct enquiry to answer a question.
- observe, gather and record data in simple diagrams and charts.
- recognise which secondary sources will be most useful to our research.
- observe changes in animals over a period of time.
- compare how different animals reproduce and grow.

Computing: How can I write a programme for a Crumble that meets conditions?

Skills: We will be able to use efficient select tools using crumble programming environment in raspberry pi.

Knowledge: We will be introduced to a micro controller (crumble) and learn how to connect and program it to control components such as LEDs and motors.

We will use algorithms and 'if ... then...' structure.

French: What am I wearing?

We will be exploring the topic of clothing and what we are wearing, broadening our vocabulary and writing extended sentences to describe our clothes. We will be able to:

- name some items of clothing in French.
- identify parts of the verb 'porter (to wear) to talk about what I'm wearing.
- describe clothing I'm wearing using adjectives of colour.
- describe clothes I'm wearing using more adjectives.

Other information

PE kits: Mondays and Thursdays

Braeside Meeting: 12.03.24 @14:30-15:00

Class Visit: 12.03.24 @ 15:00-15:20

PSHE: How do my choices affect my health?

This unit of work will enable us to understand the importance of valuing our own bodies and keeping healthy and happy. We will learn about:

- The health risks of smoking
- The health risks of misusing alcohol
- How to practice basic emergency aid procedures (including recovery position)
- How to get help in an emergency
- How body image may be influenced by media
- The different roles food can play in people's lives.

DT: How can I design, build and make a framed structure suitable for survival in a rainforest? (scale model)

Children will learn how to strengthen structures using specific techniques and will be able to evaluate the success and suitability of their model, suggesting design modifications for future projects. Children will learn problem solving and resilience alongside designing a structure fit for purpose and suitable for a given set of criteria.

Geography: Where is South America and what is it like?

Our topic starts with discovering where South America and many of the countries within it are located. We continue with:

- using globes, maps, atlases, and online tools to gather information and compare the key human and physical features of a South American country and the UK.
- using a time zones map to calculate the time differences between cities in South America and cities in the UK.
- investigating trade links with south-east Brazil.
- identifying and evaluating the advantages and disadvantages for Brazil of the 2016 Olympic Games.

Music: How does music improve our world?

Through this unit of work we will be developing our understanding of music linked with the social question of how we can be kind and responsible citizens of the world. We will be:

- listening and responding to music.
- playing instruments together so that everyone keeps the beat.
- improvising together.
- singing and composing.