

St. Anne's Catholic Primary School

Year 6 Knowledge Organiser

'We are Explorers!'

"Loving God In All We Do."



The 'We are Explorers' topic is about...

In **History** we will look at the explorer Ernest Shackleton and his Antarctic expeditions. Pupils will be able to understand the 'race to the Antarctic' and sequence events chronologically.

In **Geography** children will recognise links between people, places and environments. They will learn about the features and challenges the Antarctic presents to explorers.

In **Science** pupils will explore the idea that light travels in straight lines.

Children will also investigate how light travels and suggest their own investigations, based on observations.

What we already know...

- Light cannot travel around corners but it can bounce off things.
- Light travels at different speeds depending on the atmosphere.
- Ernest Shackleton was the first person to explore the Antarctic.
- Shackleton's ship got stuck in ice for months and they had to eat penguin meat.
- In the Antarctic water freezes so quickly that towers of ice form on the surface and can trap animals!

By the end of the topic we will know:

Children will aim to describe the impact of historical events and changes.

Pupils will name and locate an extensive range of places in the world including globally and topically significant features and events.

Children will explain how light travels and what can affect it.

Vocabulary

History

Explorer, navy, flag, knighted, Antarctica, trek, chronological, order, timeline, events, sequence.

Geography

Expedition, conditions, environment, hyperthermia, insulation, glacier, discover, features, challenges.

Science

Beam, travels, bounce, light, light source, reflection, transparent, investigate, observe, predict, evaluate.



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'We are Explorers'



Wider curriculum learning

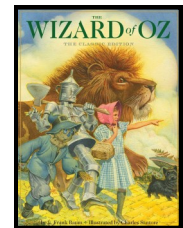
In **RE** children will be able to show understanding of how the Bible shapes the lives of Christians. Pupils will be able to identify Scripture passages and parts of the Eucharistic Liturgy, which explain Catholic belief in the presence of Christ in the Eucharist. In **Maths** children will generate and describe linear number sequences. Pupils will also use simple formulae. Pupils will also draw and translate simple shapes on the coordinate plane, and reflect them in the axes. In **Computing** pupils will create spreadsheets to investigate real life problems. In **French** pupils will prepare and practise a simple conversation, using familiar vocabulary and structures in new contexts. In **Music** pupils should aim to compose music for different moods and use dynamic levels such as accents (sudden loud or sudden quiet notes). In **Art** pupils will also aim to explain how a chosen artist or art form has contributed to the culture and /or history of a specific nation. In **PSHE** we will continue to look at how to stay safe online, including the use of social media.

We are going to read

We will be reading the classic story The Wizard of Oz.

We will also be gathering and reading information about Ernest Shackleton.

Pupils will also have access to a variety of 'explorer' themed fiction and non-fiction books in the school library and classroom.



Let's try this at home

Read biographies written by other famous people (age appropriate)

Write a biography about someone you admire and present it in an interesting way (PPT, factfile, annotated picture etc)

Challenge a parent to solve a tricky algebra puzzle written by you!

Design and make a periscope.

Key dates for this half-term

Term dates: Tuesday, 3rd January —Thursday, 9th February

INSET DAY—Friday, 10th February (staff in school, no children)

PE Days—Wednesday and Friday

Homework—Set on Friday to be completed by the following Wednesday.

Epiphany Mass—Friday, 6th January