

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.

Vocabulary

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

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

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

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.



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Wider curriculum learning

In Computing pupils will explore and discover what a text adventure is. They will then use coding to create an animal based story adventure. 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' and 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.

In collaborative learning this half-term we are going to

Create text adventures for younger KS1 children to use during their computing sessions. We will continue to share and discuss our work with our peers in Year 6, having regular opportunities to work in a variety of Year 6 groups.

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

Homework—given each Friday, to be completed by the following Wednesday

Class 13—PE Wednesday and Friday Class 14 — PE Tuesday and Friday

Maths Rock Stars Day— Monday 24th January