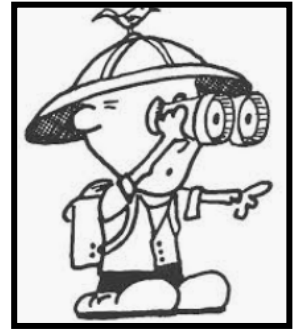


# St. Anne's Catholic Primary School

## 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...

The Antarctic is the most natural and uninhabited place in the world.

Climate change is leading to the melting of Polar ice-caps.

Light sources can be both natural and man-made.

The speed of light is faster than the speed of sound.

#### 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.

#### By the end of the topic we will know:

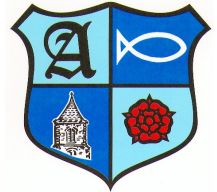
Children will aim to describe the impact of historical events and changes.

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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'We are Explorers'

### Wider curriculum learning

In Computing children will code programs which take input from the user. They will explore variables and how they can affect a program. 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.

### We are going to read

We will be reading *The Firework-Maker's Daughter*, by Philip Pullman.

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

Practise and perform the poem *The Rime of the Ancient Mariner* in a special assembly for our KS2 peers.

### 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, fact-file, 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

Fencing—date TBC

Maths Booster Club—Thursdays 3.30-4.30pm