

## St. Anne's Catholic Primary School

### Year Knowledge Organiser

#### 'We are Explorers'

*"Loving God In All We Do."*



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

In **History** Year 6 will sequence events over periods of time. They will also describe aspects of the struggle for the Kingdom of England during the time of Edward the Confessor.

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.

#### Prior learning

- ◆ Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circles.
- Recognise that they need light in order to see things and that dark is the absence of light .
- Notice that light is reflected from surfaces.
- Recognise that light from the sun can be dangerous and that there are ways to protect their eyes
- Recognise that shadows are formed when the light from a light source is blocked by an opaque object.
- Find patterns in the way that the size of shadows change.

#### Our current learning

- 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 sequence and order events during the expedition led by Ernest Shackleton and why this was a significant event
- Children will explain how light travels and what can affect it.

#### Vocabulary

##### History

Chronology, society, invasion, empire, noblemen, aristocracy, governors, hierarchy.

##### Geography

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

##### Science

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

##### Computing

Algorithm, code, command, design, indentation, input, instructions, loop, Output, patterns, random, remix, repeat

##### MFL

une équipe – a team  
un match de foot – a football match  
un joueur/joueuse de foot – a football player (masc/fem)  
un supporter – a supporter  
venir de – to come from  
je viens de – I come from  
il/elle vient de – he/she comes from

##### Music

Accelerando, body percussion, brass, characteristics, chords, chromatics, clashing, composition, convey, crescendo,

##### Art

Limited palette:, form, perspective, silhouette, assembling, modelling, structurally robust, stability, form



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#### **RE**

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.

#### **Wider curriculum learning**

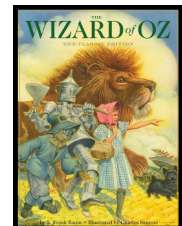
In **Maths** children will generate and describe linear number sequences. Pupils will also use simple formulae. Pupils will also draw and translate simple shapes on the coordinate plane, and reflect them in the axes. In **Computing** pupils will create spreadsheets to investigate real life problems. In **French** pupils will prepare and practise a simple conversation, using familiar vocabulary and structures in new contexts. In **Music** children will recognise and confidently discuss the stylistic features of music and relate it to other aspects of the Arts (Film music). 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 a range of texts from**

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.



#### **Key dates for this half-term**

**Term dates**—Monday, 8th January —Thursday, 8th February

**INSET Day**— Friday 9th February (no children in school)

**PE Days**— Wednesday and Friday