



# Poles Apart



These are the areas of learning we will be studying during our Summer term theme.

## **Knowledge and Understanding of the World**

As Historians we will:

- Research explorers of the Arctic and Antarctic such as Scott, Amundsen and Shackleton
- Use different sources of information to understand their motivation, the voyages they undertook and their successes and failures.
- Investigate how the lives and traditions of the Inuit people have changed over time

As Geographers we will:

- Use Atlases, globes and maps to locate the poles and identify their physical and human features.
- be able to describe what the Polar Regions are like and discuss the similarities and differences between them.
- Study the environment and habitats of the Polar Regions and how people and animals have adapted to cope with the conditions.
- Develop our understanding of the effect people have on the environment and how this can affect its future.
- Explore the everyday lives of people living in these regions.

As Computer Technicians we will:

- Develop our research skills by using the internet to gather information from a variety of sources
- Use PowerPoint and Word to present information on animals of the Polar region, developing an awareness of a particular audience.
- Explore the location and geography of the Polar Regions using mapping software

As Design Technologists we will:

- Plan, design and make a shelter suitable for use in Polar conditions
- Plan and make a 3D diorama to accurately represent one of the Polar Regions

## **Creative Development**

As Artists we will:

- Explore colour mixing to produce hot and cold colours
- Experiment with pastels to produce artwork based on the Northern Lights
- Use watercolours and washes to produce ice, iceberg and glacial paintings
- Use wool and fabric to weave Traditional Inuit patterns

As Musicians we will:

- Explore how sounds can be combined to describe the images and moods of the Polar region

## **Communication, Language and Literacy**

As Readers and Writers we will:

- Explore the journey of Ernest Shackleton through stories, role play and drama
- Examine the original advert for Shackleton's exploration team and design an improved version
- Read information texts and carry out our own research to produce a fact file for a Polar animal
- Design an advert for an Estate Agent to sell a desirable Igloo residence
- Write a newspaper report describing race to the South Pole
- Read stories which raise environmental issues and design a poster to raise awareness of threats to the Polar Regions
- Write a film trailer to promote the film Happy Feet

## **Problem Solving, Reasoning and Numeracy**

As Mathematicians we will:

- Investigate temperature variations in the Polar Regions
- Calculate weight and ration allowances when planning an exploration
- Use compass points, direction and angles when exploring maps and routes of journeys
- Present data from Polar research centre in meaningful ways through tables and graphs.

# Arctic



# Antarctic

During the Summer term we will also be studying the following:

**Science:**

- Solids and Liquids
- Habitats (including local habitats as well as Polar Regions)

**Numeracy:**

Following the National Framework for numeracy units; calculating, measuring, using and applying maths and data handling.

**Literacy:**

Following the National Framework for Literacy units

**RE:**

What can we learn from Christian Religious Buildings?

**SEAL:**

- Relationships
- Changes

**PE:**

Athletics, Striking and Fielding games, Training for Sports Day

**Homework Plan**

Day	Task
Monday	Weekly Spellings
Tuesday	Reading and Spelling Practice
Wednesday	Reading and Spelling Practice
Thursday	Reading and Spelling Practice
Friday	Maths, Literacy or Theme Activities

**Homework Project:**

The children will be asked to complete a homework project this term related to our theme. Details of this will be sent home shortly.

We also hope to be visiting Ryton Pools for a trip to explore Habitats.

# Year 4 Summer Term Creative Theme

