

## English

During English lessons we will be reading a class novel, 'The Last Bear'. It's a heart-warming story about a girl and her friendship with a polar bear stranded by the melting ice caps on Bear Island, unable to return to his home. We will be competing comprehension activities including grammar, punctuation and spelling. Each week we will have ten words that the children will be focussing on which share the same sound and spelling pattern. We will be writing for a range of purposes including descriptive settings, story writing, diary entries and moving onto chronological reports and biographies for famous explorers linking to our topic learning.

## Topic

The children will learn about the similarities and differences between the Polar Regions, including the climate, landscape and natural resources. They will also learn how to use grid references, lines of latitude and longitude, contour lines and symbols to identify the geographical locations of the Arctic and Antarctic, and how these, along with the tilt of the Earth, affect day length and warmth. They will investigate polar oceans to learn how they differ from other oceans on Earth and how climate change increases Earth's temperature and leads to rising sea levels. They will learn about the indigenous people of the Arctic.

## Maths

Fractions

- Equivalent fractions
- Simplify fractions
- Mixed and proper fractions
- Fractions on a number line
- Order and compare fractions
- Add and subtract fractions
- Multiply and divide fractions
- Solve reasoning problems involving fractions

# Frozen Kingdoms

## French

Term 3 - Time  
Term 4 - All around town

## Music

Charanga Scheme of Work - A  
New Year Carol

P.E.  
Gymnastics

## R.E - Islam

What does it mean to be Muslim in Britain today? Make connections between Muslim practice of the Five Pillars and their beliefs about God and the Prophet Muhamad. Identify key functions of the Mosque and the beliefs of Muslims. Discuss views and ideas on the value and importance of pilgrimage, fasting, charity and celebrations in the life of a Muslim. Describe and reflect on the significance of the Holy Qur'an to Muslims

## Art

Art lessons we will be studying Inuit art. Significant Inuit artists include Jessie Oonark and Karoo Ashevak. The individual appearance of the creatures in Inuit art demonstrates the respect and significance that the Inuit people give to all living things. We will be looking at images, materials, text and pictures that can show ideas or concepts.

## ICT

Explore trailers in order to create a frozen planet inspired trailer using I-movie.

## Science (Electrical Circuits)

The children will consolidate their understanding of the components that make up a circuit and make a range of circuits and use symbols to draw circuit diagrams. The children will learn about electric currents and measure the voltage of different cells. They will discover how cells produce electricity and research questions about cells and batteries. They will explore how programmable devices are used in everyday life and create a program to switch a light on and off via a light sensor. The children will then see the knowledge gained throughout the project to design, make and evaluate a programmable home device.

PSHE (Jigsaw)  
Dreams and Goals