



St Luke's C of E Primary School – Topic Overview

Year 6 – Frozen Kingdoms

Enquiry Questions

What qualities do polar explorers have?

What impact is global warming having on the polar regions?

How are polar animals adapted to their environment?



Key Vocabulary:

climate adaption classification iceberg Arctic Antarctic polar
environment Titanic explorer biodiversity habitat

Welcome to the planet's coldest lands. Vast wilds and hostile territories; incredibly beautiful, yet often deadly. Take shelter from the elements or fall prey to icy winds and the deepest chill. Trek bravely and valiantly across treacherous terrain to the ends of the Earth, treading deep in snow or being pulled by a team of mighty sled dogs. Be alert, for magnificent mammals roam these lands, sometimes hungry or fresh for a fight. Perhaps a hungry polar bear or an Arctic fox is hunting rodents, as swift as the wind.

In the Frozen Kingdoms project, we will learn about the regions of the Arctic and Antarctic. We'll learn about the similarities and differences between these two regions, including the climate, landscape and natural resources. After that, we will 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. We'll investigate how climate change increases Earth's temperature and leads to rising sea levels. Also, we will learn about classifying animals, animal adaptations and evolution and polar exploration and discovery.