

Frozen Kingdom

In the Frozen Kingdoms project, your child will learn about the regions of the Arctic and Antarctic. They will learn about the similarities and differences between these two regions, including the climate, landscape and natural resources. They 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. 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, including how their lives have changed over time, and about the positives and negatives of tourism in Antarctica. They will also learn about classifying animals, animal adaptations and evolution, and polar exploration and discovery.



Class texts	The Wolf Wilder - Katherine Rundell
Geography	Arctic and Antarctic regions; Lines of latitude and longitude; Polar climates; Polar day and night; Polar oceans; Polar landscapes; Climate change; Natural resources; Indigenous people; Tourism
Science	Classifying living things; Classification keys; Adaptation; Investigations Electricity
English	Explanation Texts: How are animals adapted to live in different environments? Story Structure: Wishing Stories Persuasive Writing: Tourism in Antarctica How to integrate character, setting, atmosphere and dialogue
Maths	Ratio, Algebra, Decimals, Fractions, Percentages, A&P, statistics
Art	Screen printing- Andy Warhol
DT	The children will be completing their Food for life project before moving on to their next project. Engineer - the children will learn about the role of an engineer and discover remarkable structures in history, the children will complete a bridge-building engineering challenge to create a bridge prototype
History	Polar exploration; Significant people - Robert Falcon Scott; Ernest Shackleton; Significant events - Titanic
Computing	Spreadsheets, 3D Modelling
PE	Tag rugby, Step to the beat, Cricket
PSHE	Dreams and Goals, Healthy me
RE	Islam How is faith expressed in Islam? Salvation What difference does the resurrection make for Christians?
French	Celebrations Sport and hobbies Animals
Music	Guitars - Specialist music teacher