



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 practise 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 the influence of their culture on their Art. They will also learn about classifying animals, animal adaptations and evolution, and polar exploration and discovery. Tom Bown, a local resident, will visit in March to share his adventures in Antarctica with the children.

English	Non-chronological reports; Haiku poetry; Newspaper reports; Adventure narratives
Maths	Fractions: finding equivalences, comparing, adding and subtracting, multiplying and dividing; Decimals; Area & Perimeter
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
History	Polar exploration; Significant people – Robert Falcon Scott; Ernest Shackleton
Science	Classifying living things; Classification keys; Adaptation; Investigations
Computing	Vector graphics, Online bullying, 3D graphics modelling
RE	Pilgrimage (Islam focus); Resurrection (Christianity)
Art & DT	Inuit art, Significant artist: Kenojuak Ashevak; Environmental art
DT	Engineering; design, build, evaluate
French	Greetings, Getting to know you
Music	Responding to music, Learn songs, Compose & perform
PE	Tag Rugby, Swimming
Ways to enrich learning at home:	Polar animals include polar bears, emperor penguins, Siberian salamanders, Greenland sharks, emerald rock cod, walrus and Arctic tern – draw a diagram of one of these species and label with features and adaptations.

Curriculum Threads for this term:

