

Key questions:

Where are the North and South poles?
Why are the poles colder than the rest of the world?
Why do polar bears live in the Arctic?
What drove Matthew Hanson to explore the Arctic ?
How does water turn into ice?



Key vocabulary:

ice	icicles	cold	Antarctica
Inuit	seal	sea lion	Arctic
polar bear	penguin	water	Northern
polar	explorer	discover	Southern
south	north	pole	hemisphere
warm	climate	equator	Ocean

Science Vocabulary:

cold	warm	hot	ocean
desert	rainforest	Polar	micro-habitats
woodland	seashore	under a leaf	
wet	damp	dry	shaded
		bright	dark

Ice: Pole to Pole

Learning events:

- Clay polar bears
- Climate change posters.
- Watching BBCs Frozen Planet 2- 'On thin Ice'

Cross-curricular links:

Maths: multiplication and Division and fractions.

Science: Polar habitats and climate adaptations- comparing our locality to the Arctic and Antarctic.

Geography: Locate the world's 7 continents and oceans. Identify hot and cold places on the planet and suitable areas for a polar bear to live. Compare Inuit way of life to us in the UK. Look at the impact of climate change on the people and wildlife in the Arctic.

English: Writing our own story and non-chronological report on the Arctic.

History: Significant individual from history: Matthew Hanson

Art: Aurora Borealis / Australis art- Chalk with smudging on black paper with a simple Arctic/ Antarctic scene.