

Journey across the frozen land; discover the amazing people and animals that live in these incredible environments and how they are adapted to life in the freezer.

Your pupils will explore the diversity of living things found in the Arctic. They will develop an understanding of how organisms are interrelated and how species, including humans, depend on one another and on the environment for survival. Pupils will be encouraged to develop informed, ethical views of complex issues including that of endangered species. Learning collaboratively, pupils will be encouraged to find which Arctic animal is their animal in a game where they will get the opportunity to hold handling specimens including real reindeer antlers, seal fur, walrus skull and mammoth teeth.

This workshop enables pupils to:

Develop curiosity and understanding of the environment.

Recognise the impact science makes on their life, the lives of others, the environment and on society.

Develop an understanding of the Earth's resources and the need for responsible use of them.

Develop as a scientifically-literate citizen with a life long interest in the sciences.

Communicate, collaborate and build relationships through team work.

Express opinions and make decisions on social, moral, ethical and environmental issues based upon sound understanding.

Curriculum for Excellence Experiences and Outcomes:

Social Studies – People, place and environment.

By exploring climate zones around the world, I can compare and describe how climate affects living things. SOC 1-12b

By exploring a natural environment different from my own, I can discover how the physical features influence the variety of living things. SOC 1-13b

I can discuss the environmental impact of human activity and suggest ways in which we can live in a more environmentally-responsible way. SOC 2-08a

I can identify the possible consequences of an environmental issue and make informed suggestions about ways to manage the impact. SOC 3-08a

I can investigate the climate, physical features and living things of a natural environment different from my own and explain their interrelationship. SOC 3-10a

Planet Earth – Biodiversity and interdependence.

I can distinguish between living and nonliving things. I can sort living things into groups and explain my decisions. SCN 1-01a

I can identify and classify examples of living things, past and present, to help me appreciate their diversity. I can relate physical and behavioural characteristics to their survival or extinction. SCN 2-01a

Literacy and English – Listening and talking

As I listen or watch, I can identify and discuss the purpose, key words and main ideas of the text, and use this information for a specific purpose. LIT 1-04a