



Arctic Adventure

KNOWLEDGE ORGANISER



Would you like to live on top of the world?



This term, Year 2 are going to be using their enquiry skills to find out about the Arctic region so they can answer our key enquiry question, 'Would you like to live on top of the world?' Through studying the landscape, the people (including the indigenous population), weather patterns and the animals found here, the children will be able to make links and draw comparisons with their own locality.

As part of this study, the children will learn about the different countries found in the Arctic and they will carry out a study of Greenland, focusing upon both its physical and human geography. We will be making lots of cross-curricular links, including examining polar animals and their habitats in science, discussing key environmental issues in PSHE and writing poetry and non-fiction texts in English, linked to one of the most magical places on earth. Please use this Knowledge Organiser as a means of engaging your child with this topic and helping them to understand the meaning of some of the key vocabulary associated with it. There are links to some fabulous websites and video clips below, which you could share and discuss with your child.

Key Vocabulary

continent	A large area of land which consists of several countries
ocean	A large area of sea
The Equator	An imaginary line around the middle of the Earth at an equal distance from the North Pole and the South Pole
human feature	A man-made feature of a place
physical feature	A natural feature of a place
Arctic Circle	An imaginary circle around the Earth about three quarters of the way from the equator to the North Pole
glacier, iceberg and ice floe	A glacier is a large area of thick ice that remains frozen from one year to the next. An iceberg is a large piece of ice which has broken off a glacier and is floating freely in the water. An ice floe is a flat piece of floating ice which is over 20 metres across.
tundra	The arctic tundra is a large area of the Arctic which has several distinct features that make it unique. The permafrost (thin layer of top soil) thaws in the summer but is always frozen underneath. Only the toughest plants and animals can survive there.

Did you know? The term 'Arctic' comes from the ancient Greek word **Arktikos** which means the **Country of the Great Bear**



Key Knowledge Fact Box 1

There are 7 continents of the world:

Asia, Africa, North America, South America, Europe, Oceania (Australasia)

Key Knowledge Fact Box 2

There are 5 oceans in the world:

Arctic, Pacific, Atlantic, Indian and Southern Ocean

Would you like to be an Arctic researcher?

Here are some links to some great websites, where you can learn more about the Arctic. Maybe you could even visit the library to find some Arctic books! If you would like to carry out your own research project about the Arctic, your teachers would love to see your work. Maybe you could research Arctic animals, an Arctic country or find out more about the amazing landscapes of the Arctic? Can you be an Arctic expert?

<https://wickedweatherwatch.org.uk/the-arctic/>

There are some fabulous clip from 'Frozen Planet' narrated by David Attenborough such as:

<https://www.youtube.com/watch?v=EiNZg22kcZw>

<https://www.youtube.com/watch?v=UPBEvLijbBE>

Key Knowledge Fact Box 3

The Arctic region is made up of parts of 8 countries in North America and Europe. The 8 countries are:

Norway, Finland, Sweden, Denmark, Iceland, Canada, Russia and the United States

