

Year 2- Poles Apart Knowledge Organiser

What should they already know?

- There are seven continents including Antarctica.
- The names of the 5 oceans.
- They can use a globe to find where countries are.
- Animals live in different habitats.
- How people can affect the environment, they live in.

What we will know by the end of the unit:-

- There are seven continents, five oceans, and their names.
- The United Kingdom includes England, Ireland, Scotland and Wales. The children should be able to recall the capital cities of these countries.
- Our world is split into the Northern and Southern hemisphere.
- How to use an atlas to locate the different continents and oceans.
- Animals live in different habitats. Polar bears only live in the North Pole and penguins only live in the South Pole.
- Blubber keeps polar animals warm and we will have learnt this using an experiment.
- The climate in both Polar regions and how they differ from the UK.
- To create a fact file on a polar animal of their choice.
- To understand how humans are affecting the environment around us and how we can help to stop climate change.
- To know about Scott's expedition to Antarctica. Scott travelled on the ship 'Terra Nova' from Cardiff to Antarctica in June 1910. It took nearly a year to get there! By the time they got there they realised another explorer had already beat them! They had to turn back due to the cold conditions and their exhaustion. Captain Scott unfortunately passed away in Antarctica from cold, exhaustion and hunger in March 1912.

Key Skills we will use:-

- Use world maps, atlases and globes to identify, as well as the countries, continents and oceans studied at this key stage.
- Name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas
- Compare the UK to another country.
- Understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom, and of a small area in a contrasting non-European Country Human and physical geography
- Identify seasonal and daily weather patterns location of hot and cold areas of the world in relation to the Equator and the North and South Poles.
- Discuss the things they like and do not like about the local environment.
- Talk about how the local environment could be change or making awareness of an issue.
- Use narratives to support this i.e. recycling

Vocabulary

The North Pole	The point on the earth's surface that is farthest north.
The South Pole	The point on the earth's surface that is farthest south.
Arctic	The area around the North Pole.
Antarctica	The area around the South Pole.
Northern hemisphere	The half of the earth above the equator.
Southern hemisphere	The half of the earth underneath the equator.
Equator	An imaginary circle around the earth.
Ocean	A huge body of salt water split into 5 main areas.
Habitat	The natural environment of an animal or plant.
Globe	-The world. -A round ball with a map of the earth on it.
Atlas	A book of maps.
Climate	The usual weather conditions in a place.
Inuit	A member of a group of people living in areas from Greenland to Canada and Alaska
Explorer	A person who explores an unfamiliar area.
Adapt	To change or become used to.
Pollution	Where gases, smoke and chemicals are introduced into our environment that can be harmful for humans, plants and animals.
Endangered	An animal at risk of becoming extinct.