



GEOGRAPHY KNOWLEDGE ORGANISER

Topic	Year Group	NC Strands
Polar Regions	Year 4	Human and Physical Geography Locational Knowledge Place Knowledge Geographical Skills and Fieldwork

What I should already know...

- I know that most areas covered by land are split up into **continents**.
- I know the names of the world's 7 continents, and can identify them on a map: **Europe, Africa, North America, South America, Asia, Oceania and Antarctica**.
- I know that each continent is split up into smaller areas of land called **countries**.
- I know that most of the world is covered in water, and I understand that areas covered by water are split up into **oceans**.
- I know the names of the world's 5 oceans: **Arctic, Atlantic, Indian, Pacific and Southern**.
- I know what **human** and **physical features** are, and can name some in my local area, and around the world.
- I know what **climate** means and how this can be linked to the **equator**.
- I know that the world is made up of different **biomes**, and know that a **biome** is a large area of the Earth that has its own **environment**.
- I know that **animals, plants, physical features** and **climate** together make the **environment**.
- I know that these different **biomes** have different plants and animals which are suited to living in their environment.
- I know there are 6 mains biomes (**aquatic, desert, forest or woodland, grassland or savannah, rainforest and tundra**) and understand some features of each biome.
- I know the 8 points of a compass - **North, North East, East, South East, South, South West, West, North West**.
- I know that an **atlas** is a collection of **maps** and understand that I can use the **index** to find locations within an atlas.
- I know where the **Equator** is located and the impact this has on temperature. I know that it is an imaginary line drawn around the world.

THE ARCTIC CIRCLE



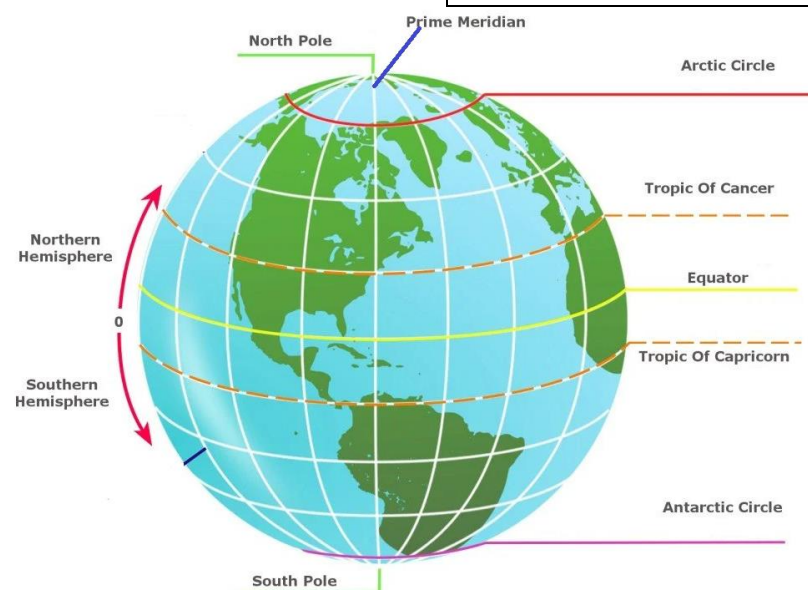
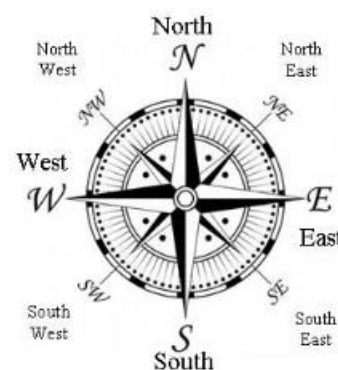
The **North Pole** is the most northern point and is in the Arctic circle.

The Arctic Circle is in the **Northern Hemisphere**.

Two continents are within the Arctic Circle;

- Europe (Russia, Iceland, Denmark, Norway, Sweden, Finland).
- North America (USA and Canada)

The Arctic Ocean is in the Arctic Circle.



The **South Pole** is the most southern point and is in the Antarctic Circle.

The Antarctic Circle is in the **Southern Hemisphere**.

Antarctica is the only continent in the Antarctic Circle.

The **Southern Ocean** is in the Antarctic Circle.

No humans live in Antarctica permanently. Winter lasts 8 months.

KEY VOCABULARY – Polar Regions

Continents; Countries are grouped into landmasses called continents. Asia, Africa, North America, South America, Antarctica, Europe, Oceania (or Australia/ Australasia)	Oceans Large bodies of water. The World's 5 oceans are Pacific, Atlantic, Indian, Southern, Arctic.	Seas A small part of an ocean. Often where an ocean and land meet.
Biomes; A region with specific plants and animals. Aquatic, Desert, Forest (or Woodland), Grassland (or Savannah), Rainforest, Tundra	Environment Everything around us including the land, sea, air, plants and animals. Includes human and physical features.	Climate The weather in a location over a period of time. Controlled by an area's location in relation to the equator.
Equator An imaginary line drawn around the world. Countries near the equator are warmed than those further away from the equator.	Latitude Imaginary lines used to find how far north or south a place is. Lines of latitude are Equator, The Tropic of Cancer, The Tropic of Capricorn, Arctic Circle, Antarctic Circle.	Longitude Imaginary lines used to find how far east or west a place is.
Northern Hemisphere Anything lying north of the equator. Southern Hemisphere Anything lying south of the equator.	Prime Meridian A line of longitude which runs through London.	Eastern Hemisphere Anything lying east of the Prime Meridian. Western Hemisphere Anything lying west of the Prime Meridian.

TUNDRA BIOME



Within the Arctic and Antarctic Circles is a **tundra biome**.

Not many plants and animals can survive here.

THE ANTARCTIC CIRCLE





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European Study: SCANDINAVIA		

KEY VOCABULARY -SCANDINAVIA		
Physical features Natural features in an environment. <i>Beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley, vegetation, season, weather, volcanoes.</i>	Human features Features in an environment that have been made by people. <i>City, town, village, factory, farm, house, office, port, harbour, shop.</i>	Environment Everything around us including the land, sea, air, plants and animals. Includes human and physical features.
Climate The weather in a location over a period of time. Controlled by an area's location in relation to the equator.	Sustainability A way to use natural resources, without impacting negatively on the environment or causing resources to run out. Very important in protecting our planet.	Europe
Scandinavia	Norway, Denmark, Sweden Make up Scandinavia	Capital city A city where the government of that country is based
Language A system that people use to communicate, or share information.	Population The number of people living in a certain place.	Baltic Sea



SCANDINAVIA



	DENMARK (Kingdom of Denmark)	NORWAY (Kingdom of Norway)	SWEDEN (Kingdom of Sweden)
Flag			
Capital City	Copenhagen	Oslo	Stockholm
Language	Danish	Norwegian	Swedish
Population	5.5 million people	5.08 million people	9.5 million people



Denmark is famous for inventing LEGO.



Norway is often described as the "LAND OF THE MIDNIGHT SUN" because during the summer months they have around 20 hours of sunlight a day.



A famous dish in Sweden is meatballs, with gravy, boiled potatoes and lingonberry jam.