

Perton Primary Academy Knowledge Organiser

Geography Topic:

One Planet, Our World

Year Group: 3

Overview:

This project teaches how to locate countries and cities using maps. Children will use atlases to find countries in the Americas, Europe, Africa, Asia and Australia.

Children will learn how to use compasses and use this knowledge to give directions and locate things on a map.

Children will discover the five major climate zones.

They will learn about significant places in the United Kingdom and carry out fieldwork to discover how land is used in the locality.

	Evident in books
	Evident in pupil voice

Significant physical features:

cliffs, mountains and beaches.

Key vocabulary:

climate — What the weather is like over time in a place.

county - A local government area.

tectonic plate — The large areas that make up the Earth's crust.

plate boundary- This is the area where two tectonic plates meet.

fault — This is where a large crack can appear on a plate boundary.

molten — When something that has melted and is now liquid.

Eastings — the vertical lines on a map that run from North to South

Northings — The horizontal lines on a map that run from West to East.

Equator —

climate zones —

Significant human features:

houses, bridges and roads.

Prior Learning:

Y1 – Bright Lights, Big City

Y2 – Let's explore the world, Coastline

Future Learning:

Y4 – interconnected world, Misty Mountain,
Winding River

Key knowledge:**Locational knowledge**

The 4 countries of the UK are England, Wales, Scotland, Northern Ireland.

Identifying that the countries of the UK are divided into smaller areas governed by a local government.

To know Europe is a continent in the Northern Hemisphere.

To know some countries in Europe.

To know some countries and major cities of the United Kingdom.

Place knowledge

There are 5 climate zones in the world.

The climate zone affects the seasons and weather.

The polar zone is the coldest.

The temperate zone has warm summers and cool winters.

The Mediterranean zone has hot summers and mild winters.

The desert zone is the hottest.

The tropical zone is hot and wet all year round.

To know the Earth has five climate zones.

Physical and human geography

There are five main types of land use in the UK. These are:

- agricultural - for farming
- commercial - for shops and businesses
- recreational - for leisure activities
- residential - for housing
- transportation, including roads, airports and railways

To know that physical features are created by nature and human features are created by humans and give examples.

To know what a carbon footprint is and how to reduce it.

To know the different types of settlement.

To know some types of land use.

To know what excessive precipitation is.

Geographical skills and fieldwork.

Maps, atlases and globes show the continents and countries of the world. They show the shape and size of each country as well as its borders and distance from the equator.

Most countries have a capital city, which is their most important city

Lines of latitude are imaginary horizontal lines that span the globe. Lines of longitude are imaginary vertical lines that span the globe. They tell us how far north, south, east or west a location is.

There are eight points on a compass.

There are four cardinal points: north, south, east and west.

There are four inter-cardinal points: north-east, north-west, south-east and south-west.

To know what tools can help to locate and describe geographical features.

To know that countries are located within continents and have capital cities.

To know how to analyse primary data, identifying any patterns.

To know what latitude and longitude are.

To identify latitude and longitude of different countries.

To know how to read four-figure grid references to locate places.

To know the eight points of a compass.

Memorable Learning Experiences:

Use of maps, atlases, google earth to locate different countries

Assessment Questions:

- Can you explain what a physical / human feature is and give three examples?
- Use 4 figure grid references to locate a landmark on a map.
- Name the 8 points of the compass.
- What are lines of latitude and longitude?
- How many climate zones are there and what are they?
- Name three counties of England.

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| | <ul style="list-style-type: none">• Explain the 5 land uses. |
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