

Perton Primary Academy Knowledge Organiser

Geography Topic: Let's explore the world

Year Group: 2

Overview:

This essential skills and knowledge project teaches children about atlases, maps and cardinal compass points. They learn about the characteristics of the four countries of the United Kingdom and find out why there are hot, temperate and cold places around the world. They also compare England to Canada. Children carry out fieldwork, collecting primary data in their locality to answer geographical questions.

	Evident in books
	Evident in pupil voice

Significant human features:

Population in England and Somalia

Significant physical features:

Climate of countries in the UK

Landscapes — cliffs, mountains, valleys, forests, moorlands, hills.

Key vocabulary:

- Climate
- Fieldwork
- Human feature
- Moorland
- Observation
- Physical feature
- Atlases
- Compass
- Keys
- Equator
- Hemisphere

Prior Learning:

Year 1 — Bright lights, Big city

Year 1 — Our wonderful world

Future Learning:

Year 3 — One Planet, Our World

Year 4 — Misty Mountain, Winding River

Key knowledge:

Locational knowledge

The equator is an imaginary line around Earth, dividing it into two halves. The half above the equator is called the Northern Hemisphere. The half below the equator is called the Southern Hemisphere. The North and South Poles are the furthest points from the equator.

Places nearer the equator are hotter, and places further away from the equator are colder. Temperate areas are between these hot and cold climates. A temperate climate is mild and not very hot or cold.

What is the equator?

Where is the North and South Pole?

Places nearer the equator are hotter.

Where has a temperate climate?

Place knowledge

England is the largest and warmest country in the UK. England's landscape has flat and hilly areas. The soil is good for growing crops. There are some mountains in the north. Northern Ireland is the smallest country in the UK. It is often windy, cloudy and rainy in Northern Ireland. There are some mountains in Northern Ireland, but most of the landscape is covered in rolling hills. Scotland is the second largest country. It has the coldest climate in the UK. The landscape of Scotland is famous for its mountains, forests and moorland. Wales is the third largest country. The climate is warmer than Scotland but cooler than England. It gets more rain and less sunshine than the rest of the UK. The landscape of Wales includes mountains, valleys, forests and marshes.

Characteristics of the UK

What continent is the UK in.

What countries make up the UK

What is the climate like in England/Scotland/Wales/Northern Ireland?

Human & physical geography

Canada is a country in North America. It has a population of 41 million people. The equator does not cross through Canada, so the climate is a cold climate. The land is mostly mountains. England is a country in Europe. It has a population of 56 million people. England is between the equator and the North Pole. It has a temperate climate. England has flat and hilly areas, and there are mountains in the north.

Differences and similarities of Canada and the UK.

Hot and cold places

Where is Canada? - continent.

Physical features of Canada and the UK.

Human features of Canada and the UK.

Geographical skills and fieldwork.

A map is a drawing of an area of land or sea, usually drawn from above. Map symbols represent physical and human features. A key is a list that explains what the map symbols mean.

A compass is a tool for finding and showing directions. A compass has four cardinal points. These are north, south, east and west. They are used to describe locations and give directions.

An atlas is a book of maps and charts showing different parts of the world and some physical features, such as rivers and lakes.

Map drawings with a key used

Data collection

Why a map is used and when we would use one

What a map shows

4 compass points

What is an atlas

Memorable Learning Experiences:

Using atlases and a compass to move around the school field

Assessment Questions:

- What is a key used for on a map?

Data collection — how many vehicles pass our school? What is the most used human feature in our area?

- What are the four compass points?
- Can you tell me two differences between Canada and England?
- What is the equator?
- Are places nearer the equator hotter or colder?
- What are the furthest points from the equator?
- What countries make up the UK?