

Perton Primary Academy Knowledge Organiser

Geography Topic: Interconnected world

Year Group: Year 4

Overview: This essential skills and knowledge project teaches children about compass points and four and six-figure grid references. They learn about the tropics and the countries, climates and culture of North and South America. Children identify physical features in the United Kingdom and learn about the National Rail and canal networks. They conduct an enquiry to prove a hypothesis, gathering data from maps and surveys before drawing conclusions.

	Evident in books
	Evident in pupil voice

Significant human features:

National Rail is a company that owns, looks after and develops Britain's railway network and trains. Principal railway routes link major towns and cities across Britain. Many principal routes terminate in London. Railway stations are sometimes linked to ferry interchanges and airports.

Canals are man-made waterways. They were created during the Industrial Revolution to transport raw materials and goods around the country. Locks, tunnels and aqueducts are all features of canals. Canals declined when railways and roads developed but were conserved after the Second World War and are used today for recreation and leisure.

Key vocabulary:

Colonisation
Immigration
Line of latitude
Mangrove forest
Originate
Principal
Terminate

Significant physical features:

Significant features of the United Kingdom include forests, mountains, rivers, lakes and islands, such as the New Forest National Park in England, the Grampian Mountains in Scotland, River Bann in Northern Ireland and Anglesey, an island in Wales.

Prior Learning:

Y1 Rio de Vida

Y2 Coastline

Y3 Rocks, Relics and Rumbles

Y4 Misty mountain winding river

- continents and map reading skills

Future Learning:

Geography retrieval and practice - Summer

Key knowledge:

Locational knowledge

Children will use compasses to plot points on a map. They will revise four-figure grid references before learning about six-figure grid references to accurately pinpoint features on a map.

Place knowledge

Year 4 will identify the Tropics of Cancer and Capricorn and understand the characteristics of a tropical climate. They will learn about the countries, climates and culture of North and South America.

Human & physical geography

In the Interconnected World they will identify significant physical features in the United Kingdom and use their map reading skills to learn about the National Rail network. They will extend this learning,

by exploring the development of the canal network in the past and how the use of canals has changed over time.

Geographical skills and fieldwork.

The class will conduct an enquiry to prove a hypothesis and use maps and surveys to gather information and draw conclusions.

Assessment Questions:

- I can identify the 8 points on a compass
- I can use 4 and 6 figure grid references
- I can describe what life in North and South America is like
- I can name human and physical features of the United Kingdom