

### Knowledge I already have

In Year 2:

- I learnt to identify the equator and its relationship to climate

In Year 3:

- I learnt to identify and explain the lines of latitude and longitude
- I learnt to name and locate the Tropics of Cancer and Capricorn, as well as the polar regions

In Year 4:

- I learnt about and compared the human and physical characteristics of the UK, and North and South America
- I learnt which countries are located in North and South America including their capital cities

### Future Knowledge

Later In Year 5:

- I will explore the impact of economic activity and trade around the world.
- I will learn about the meaning of Fair Trade.
- I will carry out a survey in the local community of whether people are aware of where the goods they buy come from and how sustainable that is

In Year 6:

- I will study the impact of human activity on the world's climate.
- I will explore the distribution of natural resources including energy, food, minerals and water.

### New Knowledge

This half term I will:

- understand the role the landscape plays in the water cycle and the importance of water conservation;
- analyse water use around the world;
- explore and assess the significance of the New River;
- deepen my knowledge of climate zones and their significance;
- compare what life is like in different climate zones;
- explore the world's biomes and compare life within them.

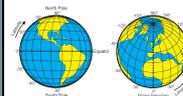
### Fieldwork

This half term:

- I am going to the reservoirs in the Woodberry Wetlands to assess how the creation of the New River has impacted the human and physical geography of London.
- I will compare the river's former and current use (i.e. water used to be sourced directly from the river; now the river supplies the larger reservoirs) then use the data I collect to inform my findings.



### latitude & longitude



Lines of latitude circle the Earth parallel to the Equator. Lines of longitude run between the North Pole and the South Pole. These lines are also called meridians. The Prime Meridian is measured from the Royal Observatory in Greenwich, London.

### biome



A biome is a large region of Earth that has a certain climate and certain types of life (plants, animals).

### climate zone



An area of the Earth that experiences similar weather patterns and conditions.

### biodiversity



The rich variety of life (primarily plants and animals) on Earth. Everything is interconnected, or dependent on everything else.

### water cycle



The water cycle is the journey water takes as it moves from the land to the sky and back again. It follows a cycle of evaporation, condensation, precipitation and collection.