

Mapping Our World – Time and Biomes



INTENT

In this topic, we will be looking at time zones and biomes. We will link these to previously taught features such as latitude and longitude and will consider how human and physical features interact and influence different biomes. When exploring time zones and biomes we will consider how physical features don't follow human boundaries.

These are the key skills you will gain through this unit:

Knowledge	<u>Locational Knowledge</u> I can name and locate the biomes. I can identify the time zones on a map. I can name and locate the Tropics of Cancer and Capricorn, Arctic and Antarctic Circles. I can name and locate a country in each of the biomes. I can identify biomes are found in Asia. <u>Place Knowledge</u> I can describe and compare different biomes. I can explain why it is different times depending on where you are in the world <u>Human and Physical Geography Knowledge</u> I can describe key aspects of physical geography of the different biomes. I can describe how different biomes link to human settlement and land use particularly the distribution of water.
Skills	I can analyse data and research to help me ask and answer geographical questions. I can use maps, atlases, globes and digital/computer mapping (Google Earth) to locate countries and features already studied and use them to research new locations. I can understand what a topographical map is.

	I can use locational and directional language including 8 compass directions to describe the location of features on a map. I can use fieldwork to observe and record the human and physical features in the local area such as taking photographs, making notes, graphing and doing sketches. I can create maps of locations identifying a range of features with OS symbols. I can confidently use 4 figure grid references and begin to use 8-figure grid reference.
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These are some of the key new geographical terms that you will learn in this unit:

Vocabulary

Tropical Rainforest.	Savanna.	Time zone
Temperate Forest.	Terrain,	Greenwich
Desert.	Vegetation	Meridian
Tundra.	Vegetation Belt	6 figure grid reference
Taiga (Boreal Forest)	Biome	Topographical
Grassland.	Permafrost	

Throughout the unit, you will learn the meaning of these words.

How can you use them throughout the unit? How can you use them in other work? What other new vocabulary have you discovered?

Reading Links

Reading texts such as non-chronological texts that are structured in particular ways.

Writing Links

Write a text comparing the temperate and boreal forests.

Maths Links

Co-ordinates

Other Curriculum Links

Art - Rangoli Art / Science - The Water Cycle / PE - Compass directions