

Year 5
Autumn: What is life like in the Alps?

Intended outcome of the unit	Lesson	Objective
- Locate the Alps on a world map and identify and label the eight countries they spread through. - Locate three physical and three human characteristics in the Alps. - Research and describe the physical and human features of Innsbruck. - Use a variety of data collection methods including completing a questionnaire, mapping their route and recording their findings in sketches or photographs. - Compare the human and physical geography of their local area and Innsbruck. - Describe at least four of the key aspects of the human and physical geography of the Alps to answer the enquiry question, 'What is life like in the Alps?'	1	Where are the Alps? To locate the Alps on a map.
	2	What is it like in the Alps? To locate the key physical and human characteristics of the Alps.
	3	Why do people visit the Alps? To describe the physical and human features of an Alpine region.
	4	What is there to do in our local area? To investigate what there is to do in the local area using data collection.
	5	How are the Alps different to our local area? To understand similarities and differences between the local area and an Alpine area.
	6	What is life like in the Alps? To understand the human and physical geography of the Alps.
Key Vocab: Atlas, climate, climate change, coniferous trees, data, deciduous trees, enquiry, fold mountain, glacier, hemisphere, human feature, land height, latitude, leisure		

Year 5
Spring: Why do oceans matter?

Intended outcome of the unit	Lesson	Objective
- Describe the water cycle. - Describe how the ocean is used for human activity. - Explain how the ocean helps to regulate the Earth's climate and temperature. - Identify the Great Barrier Reef as part of Australia. - Describe the benefits of the Great Barrier Reef. - Describe how humans impact the oceans and the consequences of this. - Explain some actions that can be taken to help support healthy oceans. - Explain which data collection method would be best for marine fieldwork and why. - Collect data using a tally chart, photographs and a sketch map. - Safely navigate the fieldwork environment. - Make suggestions for how to improve a marine environment. - Present data using a tally chart and pie chart.	1	How do we use our oceans? To explain the importance of our oceans.
	2	What is the Great Barrier Reef To locate and describe the significance of the Great Barrier Reef.
	3	Why are oceans suffering? To explain the impact humans have on coral reefs and oceans.
	4	What can we do to help our oceans? To understand ways to keep our oceans healthy and begin planning a fieldwork enquiry.
	5	How littered is our marine environment? Data collection To collect data on the types of litter polluting a marine environment.
	6	How littered is our marine environment? Findings To present, analyse and evaluate data collected.
Key Vocab: Atmosphere, biodegradable, buffer, coral bleaching, coral reef, decompose, digital map, disposable, ecology, ecosystem, erosion, geology ,habitat, human footprint		

Year 5
Summer: Would you like to live in the desert?

Intended outcome of the unit	Lesson	Objective
- Identify the lines of latitude where hot desert biomes are located. - Describe the characteristics of a hot desert biome. - Locate the largest deserts in each continent. Describe ways the Mojave Desert is used. - Name and describe the physical features found in a desert. - Identify how humans use the desert. Explain how human activity may contribute to the changing climate and landscape of a desert. - Recognise that the Mojave Desert has a different time zone to the UK. - Describe some of the threats to deserts. - Give the benefits and drawbacks of living in a desert environment. - Identify characteristics of two contrasting biomes and compare land use. - Discussing if a desert environment is hospitable and why.	1	What is a hot desert biome? To summarise the characteristics of a desert biome.
	2	Where are deserts located? To locate and explore features of deserts.
	3	What physical features are found in a desert? To describe the physical features of a desert environment.
	4	How can people use deserts? To explain the different ways humans can use deserts.
	5	What are the threats to deserts? To describe some of the threats facing deserts.
	6	Would you like to live in a desert? To explore the similarities and differences between two physical environments.
Key Vocab: Agriculture, airstrip, arid, barren, biome, climate, desert, desertification, drought, flash flood, mesa, mining, mushroom rock, national park		