



Year 4 Geography Themes and Substantive Knowledge

Autumn Term	Spring Term	Summer Term
Mountains	Fair Trade	Biomes
How are mountains formed and what causes an earthquake, tsunami or volcano?	What is "Fairtrade" and why should it matter to us?	What are biomes and how are they created?
National Curriculum Requirement	National Curriculum Requirement	National Curriculum Requirement
<ul style="list-style-type: none">describe and understand key aspects of physical geography, including volcanoes and earthquakes.describe and understand key aspects of human geography, including, types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and waterpupils should be taught to use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.	<p>Pupils should be taught to describe and understand key aspects of:</p> <ul style="list-style-type: none">Physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycleHuman geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water	<p>Pupils should be taught to ...</p> <ul style="list-style-type: none">describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.

Subject Specific Vocabulary	Subject Specific Vocabulary	Subject Specific Vocabulary
Mountain, tectonic plates, lava, strata, eruption, summit, tsunami	Sustainability, global citizenship, ethical codes, developing countries, cooperatives, Fairtrade premium	biome, tundra, desert, landscape, marine biome, grasslands
Substantive Knowledge	Substantive Knowledge	Substantive Knowledge
<ul style="list-style-type: none"> • I Know the names of and can locate at least eight European countries • Know where the main mountain regions are in the UK • Know where the equator, Tropic of Cancer, Tropic of Capricorn and the Greenwich Meridian are on a world map • Appreciate that climate and physical features has an important part to play when considering how people live • Know what causes an earthquake and tsunami • Label the different parts of a volcano • Know the names of a number of the world's highest mountains 	<p>I will know...</p> <ul style="list-style-type: none"> • Where the goods on the supermarket shelves come from • What Fairtrade is and why we need an organisation like Fairtrade Foundation Which countries are exploited and can locate them on a world map • What is meant by export and import? Why we should consider boycotting buying some goods and the reasons why 	<p>I will know...</p> <ul style="list-style-type: none"> • The different types of biomes and what creates them • What the main features of a rainforest are • The main features of a tundra and desert Where the different regions in the world are and where different biomes exist • How to carry out an in-depth study of a type of biome and present the findings to others in the class