

Hartford Church of England High School – Year 9 – Geography

Year 9	HT1	HT2	HT3	HT4	HT5	HT6
Topic(s)	Polar regions	Climate change	Glaciation	Factfulness: A view of development	Rio De Janeiro	Can we live sustainably
Focus	What is the future of these extreme environments? Students will know Where the polar regions are and their characteristics. They will know some of the threats facing Antarctica. They will know some of the threats facing the Arctic. How does air circulate in our atmosphere	Are we facing a climate emergency? Students will know: What we mean by the enhanced greenhouse effect How we can mitigate against climate change How we can adapt to climate change	How does ice shape the land? What are the main physical process of glaciation The main landforms created through erosion What are the main landforms created by deposition as the glacier melts How do people live in Glaciated regions	Is our view of the world accurate? Students will know: How maps can shape our perceptions How development can be the result of small changes Should we challenge our view of Africa	What are the challenges of a modern mega city? Students will know: The location and importance of Rio The opportunities and challenges in a modern city How to plan for the urban poor	How can we ensure our lives are sustainable? Students should know: What do we mean by sustainable living Global examples of cities that are sustainable How sustainable is Northwich
Vocabulary	Indigenous, Biome, Adaptation, Permafrost, Endangered, Nomadic, Fossil fuels, treaty, Extensive, Flourish Exploit, Undermine	Long Wave and Short-Wave Radiation Adaptation, Albedo Effect, Anthropocene COP (conference of the parties) Curtail, Mitigate	Plucking, Abrasion, Freeze-thaw, Corries, Arêtes, Pyramidal Peaks, Hanging Valley, U-shaped Valley, Ribbon Lake, Till, Moraine, Erratic, Drumlins	Sustainable, Infant Mortality, GDP ,GNI, Life Expectancy, Colonialism, Perception, Dependant, Income, Infrastructure, Migration.	Favela, Formal Economy, Global city, Inequalities, Informal Economy, Land use, NEE, Urbanisation, Migration, Natural Increase, Mega City, Infrastructure.	Conservation, Congestion, Sustainability, Economic, Technology, Rainwater Harvesting, Permeable, Hectare, Flora, Fauna, Heliotrope,
Assessment	Mid-stakes 1: Extended writing: Explain Why Tourism can bring both advantages and disadvantages to the continent of Antarctica. Mid-stakes 2: End of topic knowledge test multiple choice	Mid-stakes 1: Extended writing: Explain how volcanic activity and orbital changes may cause long-term climate change. Mid-stakes 2 End of topic knowledge test multiple choice	Mid-stakes 1 Extended writing: Explain how glaciers can shape the land Mid-stakes 2 End of topic knowledge test multiple choice	Mid-stakes 1: Extended writing: Explain what is meant by small change is not no change. Use evidence to illustrate your point of view Mid-stakes 2 End of topic knowledge test multiple choice	Mid-stakes 1: Extended writing: Explain why cities around the world are not all growing at the same rate Mid-stakes 2 End of topic knowledge test multiple choice	Mid-stakes 1: Extended writing: Explain how urban areas can reduce their impact on the environment Mid-stakes 2 End of topic knowledge test multiple choice
Curriculum Thread	Physical and Human sustainable	Physical, Human	Physical and human	Human and sustainability	Human sustainability	Sustainability, Human

<p>Wider Reading</p>	<p>'Polar regions' By Steve Parker 'The Arctic' by Bruce Parry</p>	<p>'The climate book' by Greta Thunberg 'There's no planet B' by Mike Berners - Lee</p>	<p>'Ice Rivers: A Story of Glaciers, Wilderness and Humanity' by Jemma Wadham Glaciers and 'Glaciation', by Douglas Benn and David J A Evans</p>	<p>'Factfulness' by Hans Rosling 'Divided' by Tim Marshall</p>	<p>'Happy city' by Charles Montgomery 'Off the Map' by Alastair Bonnett</p>	<p>'How to give up plastic' by Will McCullon 'Adventures in the Anthropocene' by Gaia Vince</p>
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