

Alexander Hosea Curriculum Map – Year 5 Subject: Geography terms 1 and 2 linked to the project 'Can we go everywhere?'

Sticky Knowledge:

Know about the issues associated with industry and climate change

Know what industry is and why it is important

Know what is meant by climate change

Know why climate change is such an urgent issue

Understand why people get passionate about climate change

Know why climate change has such a big impact on the world's poorest countries



Programme of Study statements for the end of KS2

Human and physical geography

- describe and understand key aspects of:
- physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle
- 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 water

Future Knowledge:

Biomes and vegetation belts

Previous Knowledge:

Different regions of the world have different climates, as well as distinctive plants and animals specific to that biome. Climate is critical because it determines the types of plants and animals – the ecosystem – that can survive in a biome. For example, polar bears can't survive in the Sahara Desert. The equator is an 'invisible' line which separates the North and South Hemisphere. Rainforests Y4

Key vocabulary:

fossil fuels

Include petroleum (oil), coal, and natural gas

greenhouse gases




Heat being trapped inside the Earth's atmosphere

Global warming

A greenhouse effect, resulting in the increase in global temperatures

ozone layer

an invisible layer of protective gases that circle the earth

methane	A greenhouse gas produced by cows and landfill site		
Cultural Capital			
 Thinking like a Geographer			
Maps	Enquiry	Communication	
Use source to find out about global problems	Use source to find out about global problems	Debate about environmental problems	
Visits and visitors: Engineers working in the field of renewable energy	Experiences and events Visit to Cardiff planetarium	Key texts  	
Community events and links: Link to Wickwar Environmental Action Group and find out and help with local environmental problems	Global issues Throughout the project	Famous people/ Greta Thunberg	
Life Skills Promote care for the environment	Key places		