

## 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:

<b>fossil fuels</b>	Include petroleum (oil), coal, and natural gas
<b>greenhouse gases</b>	Heat being trapped inside the Earth's atmosphere
<b>Global warming</b>	A greenhouse effect, resulting in the increase in global temperatures
<b>ozone layer</b>	an invisible layer of protective gases that circle the earth

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