

Syllabus Refs/Key Questions	Environmental Geography	Checklist
<p>CLIMATE CHANGE</p> <p>5.1.1 What is the evidence for climate change? 5.1.2 What are the causes of climate change?</p> <p>8.1.2 How may climate change affect people and how can technology be used and people's lifestyles changed to reduce these impacts?</p> <p>5.2.2 What factors create variations in weather and climate within the UK?</p> <p>ECOSYSTEMS</p> <p>5.3.1 Where are large scale ecosystems found? 5.3.2 What are the key features of ecosystems at different scales?</p> <p>5.4.1 How do people use ecosystems? 5.4.2 How do human activities modify processes and interactions within ecosystems? 5.4.3 How can ecosystems be managed sustainably?</p>	<p>Weather, climate and ecosystems</p> <ul style="list-style-type: none"> • What is climate change? • Causes and consequences of climate change? • What are the short and long term effects of climate change (on the UK and a contrasting environment)? • Responses to climate change (mitigation and adaptation) <p>Weather patterns and processes</p> <ul style="list-style-type: none"> • UK weather and climate – lows and highs. • Microclimate (of the school grounds) <p>Core theme 5 : Processes and interactions within ecosystems</p> <ul style="list-style-type: none"> • An overview of the global distribution of biomes (relate to global climate circulation) • Case study 1: Tropical Rainforest. Features (inc nutrient cycles, carbon). Human impact. Sustainable solutions • Case study 2 : Savanna • Features, Human impact, Sustainable solutions. • UK – small scale ecosystem (sand dunes) Features. Human impact and management. • UK sustainable energy – impact of wind turbines. 	
<p>8.1.1 What are the impacts of increasing consumer choice on the global environment?</p>	<p>Option 8 : Environmental Challenges</p> <ul style="list-style-type: none"> • What is your ecological footprint? What are the various impacts of consumerism? 	