

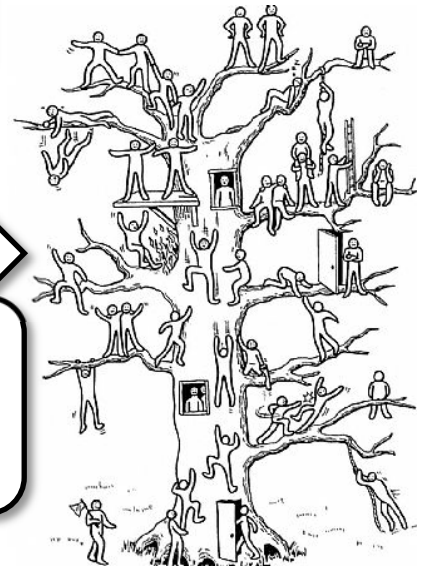
<b>Name:</b>	<b>GCSE Target Grade:</b>	<b>GCSE Aspirational Grade:</b>	<b>Grade Currently Working at:</b>
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Curriculum Content: <b>This is a checklist of topics you need to know for your Geography exam.</b> For each topic indicate your level of understanding in the pre-unit at the start of the unit and the post-unit at the end of the unit or as instructed in lessons by your teacher.		PRE-UNIT Shade RED/AMBER/ GREEN	POST-UNIT Shade RED/AMBER/ GREEN
<b>Why are natural ecosystems important?</b>	What are ecosystems?		
	Understand the concept of an ecosystem as being the interdependence of climate, soil, water, plants and animals		
	Outline the global distribution of polar regions, coral reefs, grasslands, temperate forests, tropical forests and hot deserts		
	Overview of the climate, flora and fauna within these ecosystems		
<b>Why should tropical rainforests matter to us?</b>	What biodiversity exists in tropical rainforests?		
	The distinctive characteristics of a tropical rainforest ecosystem, including the climate, nutrient cycle, soil profile and water cycle		
	The interdependence of climate, soil, water, plants, animals and human activity in tropical rainforests		
	Why are tropical rainforests being 'exploited' and how can this be managed sustainably?		
	Explore the value of tropical rainforests through the study of their goods and services		
	Human impacts in the tropical rainforest from activities such as logging, mineral extraction, agriculture and tourism		
	A case study to illustrate attempts to sustainably manage an area of tropical rainforest, such as ecotourism, community programmes, biosphere reserves and sustainable forestry, at a local or regional scale		
<b>Is there more to polar environments than ice?</b>	What is it like in Antarctica and the Arctic?		
	Outline the distinctive characteristics of Antarctica and the Arctic, including climate, features of the land and sea, flora and fauna		
	The interdependence of climate, soil, water, plants, animals and human activity in either the Antarctic or the Arctic polar region		
	Explore a range of impacts of human activity on either the Antarctic or the Arctic ecosystems, such as scientific research, indigenous people, tourism, fishing, whaling and mineral exploitation		
	How are humans seeking a sustainable solution for polar environments?		
	A case study to examine one small-scale example of sustainable management in either the Antarctic or the Arctic such as sustainable tourism, conservation and whaling		
	A case study to examine one global example of sustainable management in either the Antarctic or the Arctic by investigating global actions such as Earth Summits or the Antarctic Treaty		

**Recommended Reading for Cycle:**

## Cycle 4 Reflections - Sustaining Ecosystems Topic 4

What is your general/overall feeling about how this course is going? How confident are you that you will reach your target? Circle where you are on the tree...



A. My target grade is...

B. My current grade is...

One question I need to ask...

### Exam Techniques

ALWAYS READ → DECODE → PLAN → ANSWER

My exam technique target is...

Box the command word.

Underline the keyword.

Glance at the marks.

Specific facts

### Key-Word Checklist

See the key-word list and complete the following boxes...

Total number of key-words I don't understand...

Three key-words I will research the meaning of before next lesson...

ecosystem polar regions coral reefs grasslands temperate forests tropical (rain-)forests  
hot deserts flora and fauna soil profile nutrient cycle mineral extraction biosphere reserves  
Antarctica Arctic

Subject knowledge strengths...

Ideas on how to do better...