

# Year 11 Homework Sheet: Environmental Challenges

When your teacher tells you to, you must bring in the appropriate piece of homework to store in your revision folder. You can create your work on a computer and print it out if you like. Make sure it has your name on it. Your teacher will check and sign this sheet to show that it has been completed to a good standard.

Task	What to do	Due	Done
	<b><u>Key Idea 3.1: How ecosystems function</u></b>		
1	Make flash cards for the key terms associated with ecosystems.		
2	Make an information page about how climate influences the structure of the rainforest. Include information on nutrient flows.		
3	Create a leaflet about the processes that take place in semi-arid grasslands. Include a food chain / food web.		
4	Carry out research on the management of a sand dune system of your choice (based in the UK)		
5	Create a poster showing the different ways that HICs and LICs might attempt to deal with sea level rise.		
	<b><u>Key Idea 3.2: Ecosystems Under Threat</u></b>		
6	Write a report to explain how human use of marine ecosystems varies between HICs (fishing in North Sea) and LICs (shrimp farming)		
7	Create a poster which shows the importance of the rainforest for food production, and link this to why the rainforest is under threat due to palm oil.		
8	Create a storyboard to show the physical and human consequences of deforestation.		
9	Draw a sequence of diagrams to show how coral reefs can be affected by global warming.		
10	Write a report which explains why sustainable management of ecosystems is so important.		
	<b><u>Key Idea 3.3: Water Supply and Demand</u></b>		
11	Make an information page which compares water use between HICs and LICs.		
12	Design an advice sheet which can be given to people to show them alternative ways of managing water supplies in places like South Africa.		
13	Make a fact file about water security: what is it? Why is it important? Why does it vary around the world?		
14	Write a report about a transboundary water issue: What countries are involved? Why are there problems? How is the situation being managed?		
	<b><u>Key Idea 3.4: Desertification</u></b>		
15	Create a before and after storyboard to show the influence humans have had on desertification.		
16	Write a report to explain the consequences that poor land management has on the land.		