




The challenge of natural hazards

	Covered in class?				Revision undertaken
Natural hazards					
I can define a natural hazard and give some examples of the different types.					
I can explain the different factors that affect hazard risk .					
Tectonic hazards					
I understand the theory of Plate tectonics (Movement of plates).					
I can describe the distribution of earthquakes and volcanoes in relation to plate margins.					
I explain the differences between destructive , constructive and conservative plate margins.					
I know the main features of an earthquake and understand the differences between Primary & Secondary effects and Immediate & Long term responses.					
<u>Using named examples</u> of a tectonic hazard in both rich & poor countries. I can: (1) Explain why the tectonic hazard happened there (2) Describe the effects that resulted from the earthquakes both primary and secondary. (3) Describe what was done after the earthquake (responses), both in the short and long term.					
I can explain why earthquakes cause more loss of life in poor than in rich countries.					
I can explain why people continue to live in areas at risk of tectonic hazards .					
I can explain how monitoring, planning and prediction of tectonic hazards can reduce their effects.					
Weather hazard					
I can describe the global atmospheric circulation model .					
I can explain how the global atmospheric circulation model affects weather around the world.					
I can describe the distribution of tropical storms .					
I can explain the causes of a tropical storm and can identify features of their structure.					
<u>Using a named example</u> , I can describe and explain the primary and secondary effects of tropical storms .					
I can assess and evaluate methods of responses tropical storms in both the short and the long term <u>using a named example</u> .					
I can explain how tropical storms might be affected by climate change .					
I can explain how monitoring, planning and prediction of tropical storms can reduce their effects.					
I understand a range of weather hazards experienced in the UK.					
<u>Using a named example</u> of a recent extreme weather event in the UK, I can: (1) Explain the causes (2) Describe and explain the social, economic and environmental impacts (3) Explain how management strategies can reduce the impacts					
I can identify evidence of the weather becoming more extreme <u>using an example</u> .					
Climate change					
I can explain evidence for climate change over the last 2.6million years (Quaternary period).					
I can explain both the natural and human causes of climate change.					
I can assess and evaluate the economic, social, environmental and political impacts of climate change both on the world and the UK.					
I can describe and evaluate the mitigation strategies used to reduce the impact of global climate change on a local, national and international level.					
I can describe and evaluate the adaption strategies used to reduce the impact of global climate change on a local, national and international level.					