

## The challenge of natural hazards

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