

Unit 2: Hostile world

Section A – Living with Natural Hazards

Key Ideas	Specification content
Key Question: What are the causes and effects of earthquakes and volcanic eruptions and how do people prepare for and respond to them?	
The damaging effects of earthquakes and volcanic eruptions.	Use examples to describe the primary and secondary damage caused by earthquakes and volcanic eruptions. Explain how the effects might vary among countries with different levels of economic development.
The causes of earthquakes and volcanic eruptions.	Describe the global distribution of earthquakes and volcanoes and their relationship to plate boundaries. The physical processes taking place at different types of plate boundaries and the consequences. Include constructive, destructive and conservative boundaries.
Why people live in areas at risk from earthquakes and volcanic eruptions.	Describe the advantages of living in areas at risk from earthquakes and volcanic eruptions. Include geothermal energy, tourism, and fertile soils. Explain why people choose to stay in, or are unable to move away from an area at risk from earthquakes and volcanic eruptions.
Reducing the damaging effects of earthquakes and volcanic eruptions.	Describe a range of strategies and methods used to reduce the damaging effects of earthquakes and volcanic eruptions used in countries with different levels of economic development. Include short-term responses and long-term responses (prediction, planning, and preparation).
Key Question: What are the causes and effects of tropical storms and how do people prepare for and respond to them?	
The damaging effects of tropical storms.	Describe the primary and secondary effects of tropical storms. Explain how the effects might vary among countries with different levels of economic development.
The causes of tropical storms.	Describe the global distribution of tropical storms. The physical processes leading to the formation of a tropical storm in one region of the world.
Reducing the damaging effects of tropical storms.	Describe strategies and methods used to reduce the damaging effects of tropical storms. Include monitoring, use of GIS, education and other preparation in countries with different levels of economic development.
Tropical storms could become more frequent and their distribution may change.	Explain why the distribution and frequency of tropical storms may change. Include the impact of climate change.
Key Question: What are the causes and effects of wildfires and how do people prepare for and respond to them?	
The effects of wildfires.	Describe the effects of wildfires on people and the environment.
The causes of wildfires.	Describe the climatic features found in areas where wildfires are common and how these lead to the formation of wildfires. Using an example, explore the extent to which wildfires are 'natural' hazards.
Reducing the damaging effects of	Describe strategies and methods used to reduce the damaging effects of wildfires. Include evacuation,

wildfires	education and the role of the emergency services.
Wildfires could become more frequent and their distribution may change.	Explain why the distribution and frequency of wildfires may change. Include the effects of increasing numbers of people living in and using semi-arid areas, increased frequency of drought due to climate change. Explain why areas in which wildfires occur should be protected.