

Living with the physical environment	RAG Rating		
Section A: The challenge of natural hazards	R	A	G
Tectonic hazards			
Key Idea 1: Natural hazards pose major risks to people and property			
I can define natural hazards			
Key Idea 2: Earthquakes and volcanic eruptions are the result of physical processes			
I can describe and explain the distribution of earthquakes and volcanoes			
I can identify the hazards and explain the processes at a constructive plate boundary .			
I can identify the hazards and explain the processes at a destructive plate boundary .			
I can identify the hazards and explain the processes at a conservative plate boundary .			
Key Idea 3: The effects of and responses to a tectonic hazard vary between areas of contrasting levels of			
I can define and give examples of primary impacts of a tectonic hazard			
I can define and give examples of the secondary impacts of a tectonic hazard			
I can use examples of countries at different levels of wealth to:			
I can compare and explain the impacts of an earthquake in different countries			
Key Idea 4: Management can reduce the effects of a tectonic hazard			
I can use examples of countries at different levels of wealth to:			
Compare and explain the responses to an earthquake			
Explain why people live in tectonically active areas			
Explain how countries are reducing the risk of tectonic hazards using planning, prediction and preparation			
Weather hazards			
Key Idea 5: Global atmospheric circulation helps determine patterns of weather and climate			
I can describe and explain the global atmospheric circulation (tropical, desert and temperate climates)			
Key Idea 6: Tropical storms (hurricanes, cyclones and typhoons) develop as a result of particular physical			
I can describe the distribution of tropical storms			
I can explain how tropical storms are formed			
I can explain the structure and features of a tropical storm			
I can explain how climate change may affect the distribution, frequency and intensity of tropical storms			
Key Idea 7: Tropical storms have significant effects on people and the environment			
I know and can use a named example of a tropical storm to:			
I can define and give examples of the primary effects of a tropical storm			
I can define and give examples of the secondary effects of a tropical storm			
I can identify and explain the immediate responses to a tropical storm			
I can identify and explain the long term responses to a tropical storm			
I can explain how monitoring, prediction, protection and planning can reduce the effects of tropical storms			
Key Idea 8: The UK is affected by a number of weather hazards			
I can identify and describe the types of weather hazard experienced in the UK			
I can use a named example of an extreme weather hazard in the UK to			
Explain the causes of the weather event			
Explain the social, economic and environmental impacts			
Explain how management strategies can reduce the risk			
Explain why extreme weather is increasing in the UK			
Climate change			
Key Idea 9: Climate change is the result of natural and human factors and has a range of effects			
I know some evidence for climate change, from the Quaternary period to the present day			
I can identify possible causes of climate change			
I can identify and locate the effects of climate change on people globally			
I can identify and locate the effects of climate change on the global environment			
Key Idea 10: managing climate change involves both mitigation (reducing the causes) and adaptation			
I can identify and explain different ways to reduce the causes of climate change			
I can identify and explain different ways we can adapt to reduce the impact of climate change			