

Global Hazards PLC				
How do plate tectonics shape our world?				
Key Question	Content	R	A	G
What processes occur at plate boundaries?	The structure of the Earth and how it is linked to the processes of plate tectonics including convection currents.			
	The processes that take place at destructive, conservative and collision plate boundaries as well as hotspots.			
	The processes that take place at constructive plate boundaries			
	The processes that take place at conservative plate boundaries			
	The processes that take place at collision plate boundaries			
	The processes that create hotspots			
	How the movement of tectonic plates causes earthquakes, including shallow and deep focus			
	How the movement of tectonic plates cause volcanoes including shield and composite.			
How can tectonic movement be hazardous?	A case study of a tectonic event that has been hazardous for people, including specific causes, consequences of and responses to the event			
How does technology have the potential to save lives in hazard zones?	How technological developments can have a positive impact on mitigation (such as building design, prediction, early warning systems) in areas prone to a tectonic hazard of your choice			
How can weather be hazardous?				
		R	A	G
Why do we have weather extremes?	Outline the global circulation system including the effects of high and low pressure belts in creating climate zones			
	How the global circulation of the atmosphere creates extreme weather around the world			
	Extreme weather conditions associated with wind, temperature and precipitation in contrasting countries			
	The distribution and frequency of tropical storms and whether these have changed over time.			
	The distribution and frequency of drought, and whether these have changed over time.			
	Outline the causes of the extreme weather conditions associated with			
	Outline the causes of the extreme weather conditions of El Niño/La Niña leading to drought.			
When does extreme weather become a hazard?	Typhoon Haiyan Non-UK Case study Know the place specific causes (including the extreme weather conditions which led to the event), consequences of and responses to the hazard.			
	UK Heatwave 2018 UK case study – know the place specific causes (including the extreme weather conditions which led to the event which led to the event), consequences of and responses to the hazard.			