

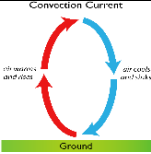








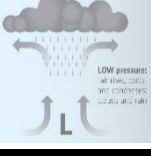

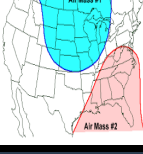

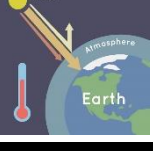
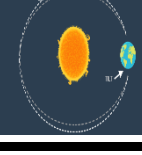
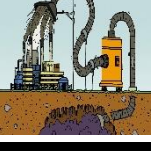


Geography Knowledge Organiser – Year 10 – Term 1a – The Challenges of Natural Hazards

1		Natural Hazard			Plate Margin			Convection Current	
	An unexpected natural event that threatens a vulnerable population.			Where one plate meets another.			Circular heat current inside the Earth that moves the plates on the surface.		
2		Earthquake			Impact			Response	
	A sudden and often violent shift in the rocks forming the Crust which can be felt.			The effect of a natural hazard.			How people react to a natural hazard.		
3		Seismometer			Tropical Storm			Saffir-Simpson Scale	
	A machine used to measure the strength of an earthquake.			A weather system that forms over the ocean in tropical areas with high winds and rain.			The scale used to measure the wind speed of a tropical storm.		
4		Coriolis Effect			Eye			Depression	
	The movement of air caused by the rotation of the Earth.			The eye is a region of mostly calm weather at the centre of tropical cyclones.			An area of low pressure.		
5		Extreme Weather			Air Mass			Climate Change	
	When the weather is especially severe or out of season.			A large volume of air in the atmosphere.			The long term shift in the Earth's average temperature.		
6		Greenhouse Effect			Milankovitch Cycle			Carbon Capture	
	The warming of the Earth.			The way the Earth orbits the Sun gradually changes over time.			Technology used to capture CO2 produced.		

## Question Grid

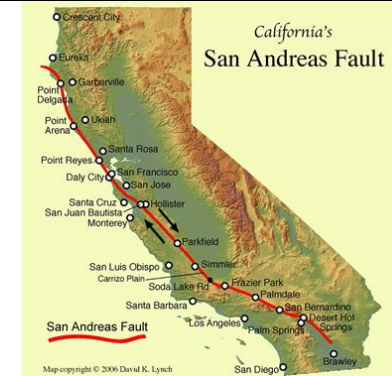
Ask better questions.

	IS? PRESENT	DID? PAST	CAN? POSSIBILITY	WOULD? PROBABILITY	WILL? PREDICTION	MIGHT? IMAGINATION
WHAT? EVENT						
WHERE? WHERE/WHEN		Factual			Predictive	
WHEN? CHOICE						
WHO? PERSON						
WHY? REASON		Analytical			Application/ Synthesis	
HOW? MEANING						

## Haiti Earthquake, 2021



## San Andreas Fault Line



Each week:

1. Create one factual, one predictive, one analytical, and one application/synthesis question about the week's location. Research this location and answer your own questions ready for next lesson.
2. Learn this week's key words on the knowledge organiser.
3. Complete the Quiz Assignment on the Google Classroom.

## Mt Etna, Italy



## Hurricane Ida



## Lessons

- |  |   |
|--|---|
| 1. Natural Hazards                         | 10. Formation and Structure of a Tropical Storm |
| 2. Distribution of Tectonic Hazards        | 11. Typhoon Haiyan                              |
| 3. Physical Processes at Plate Margins (1) | 12. Reducing the Effects of Tropical Storms     |
| 4. Physical Processes at Plate Margins (2) | 13. Weather Hazards in the UK                   |
| 5. The Effects of Earthquakes              | 14. Somerset Levels Flood, 2014                 |
| 6. Responses to Earthquakes                | 15. What is the Evidence for Climate Change?    |
| 7. Living with Natural Hazards             | 16. Natural Causes of Climate Change            |
| 8. Reducing the Risk from Tectonic Hazards | 17. Human Causes of Climate Change              |
| 9. What are Tropical Storms?               | 18. Managing Climate Change                     |

## Hurricane Ophelia



## The Paris Agreement



PARIS2015  
UN CLIMATE CHANGE CONFERENCE  
COP21·CMP11