



Natural Disasters – Knowledge Organiser



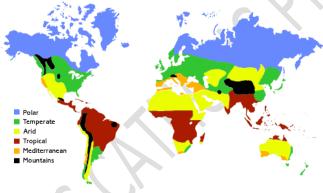


St Gregory's Catholic Primary School – Year 5

	Key Vocabulary	
climate	Weather conditions in an area in general or over a long period of time.	[
temperature	The degree/intensity of heat, measured by a thermometer.	(
environment	The surroundings in which a person, animal or plant lives.	
volcanic eruption	Occurs when magma is released from a volcano. Lava and gas are discharged from the vent.	**,*
earthquake	A sudden violent shaking of the ground, caused by movements within the Earth's crust (tectonic plates).	
Richter scale	A numerical scale used the measure the intensity of an earthquake.	
tectonic plates	Pieces of the Earth's crust. These plates move and interact with one another. Sudden movement causes disasters	
tornado	A moving, funnel-shaped vortex of rotating winds which forms on land beneath a large storm.	1
hurricane	A huge storm with violent, rotating winds which forms over sea.	
flooding	The covering of normally dry land with a large amount of water.	
drought	Abnormally low rainfall over a long time.	
tsunami	High sea waves caused by earthquakes.	f

Locational and place knowledge

Different areas of the world experience <u>different</u> <u>climates</u> and, as a result, have different experiences of the weather (including the occurrence of natural disasters).



Types of natural disasters

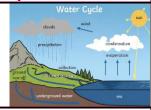
Types of extreme weather and natural disasters include:

- Tropical storms
- Tsunamis and floods
- Lightning
- Hurricanes
- Tornadoes
- Earthquakes
- Volcanic eruptions



The Water Cycle

The water cycle explains how water circulates between the Earth's oceans, atmosphere and land. The 4 stages are evaporation, condensation, precipitation and collection.



Tectonic plates

The Earth's crust isn't one solid layer. It is broken up into huge areas called <u>tectonic plates</u> that float on top of the mantle. These plates are always moving. Volcanic eruptions and earthquakes occur due to sudden movement at tectonic plate boundaries.

Human impact

Natural disasters can significantly impact people's lives:

- Loss of life and loved ones
- Destruction of their home/town
- Destruction of their school (no education)
- Destruction of workplaces (no jobs)

It can often take many years for towns to fully recover from the impact of a natural disaster.



GEOGRAPHCAL CONTEXT



