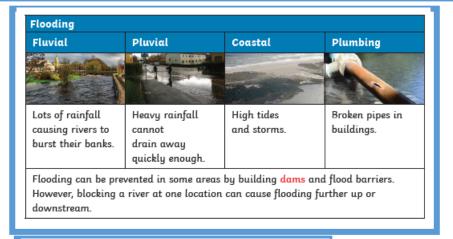
YEAR 5 GEOGRAPHY KNOWLEDGE ORGANISER—EXTREME EARTH

climate	a region with a particular climate.
biome	a large naturally occurring community of flora and fauna occupying a major habitat, e.g. forest
arid	a climate having little or no rain; too dry or barren to support vegetation.
temperate	a climate characterized by mild temperatures.
tropical	A climate that is very hot and humid
polar	A polar climate consists of cool summers and very cold winters e.g. glaciers, or a permanent or semi-
Mediterranean	A climate bordering the Mediterranean sea
Mountainous	A climate that s in the mountains
sustainable	able to be maintained at a certain rate or level
disaster	a sudden accident or a natural catastrophe that caus- es great damage or loss of life
manmade	made by humans
natural	occurring naturally



Deforestation

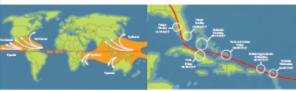
Trees are cut down:

to create fields for farming cattle and growing crops,

 to produce timber and wood pulp to make furniture and paper,

to create space for housing.

Hurricanes



9

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Volcanoes

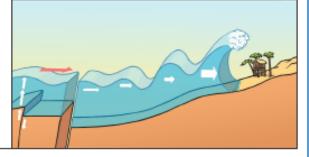
- Volcanoes are made when pressure builds up inside the earth. This affects the earth's crust causing magma to sometimes erupt through it.
- Active volcanoes have erupted in the last 10 000 years.
- Dormant volcanoes haven't erupted in the last 10 000 years but may erupt again.
- Extinct volcanoes aren't expected to erupt again.



Tsunamis

- A tsunami is a giant wave caused by a huge earthquake under the ocean.
- The earthquake causes a large amount of water to be displaced very quickly causing a series of waves.
- As the waves travel through shallower water near land, they get bigger and bigger. The wave crashes onto

the land causing devastation to buildings and sometimes even lives.



Tornadoes

- A tornado is a swirling funnel of air that forms when warm air rises from near the ground into big cumulonimbus clouds.
- There can be thunder and lightning at the same time.
- You can see tornadoes due to the dust and water droplets caught in the clouds.
- Storm chasers are film-makers and scientists who head towards the storms. They film the tornadoes and collect data about them.
- Most tornadoes happen in Tornado Alley in America more than 500 each year.
- Tornadoes can happen in the UK but only around 30 per year.

Earthquakes

- Earthquakes are caused when the earth's tectonic plates
 suddenly move.
- Most earthquakes occur near the tectonic plate boundaries.
- Earthquakes can cause lots of damage to roads, buildings and property.

