

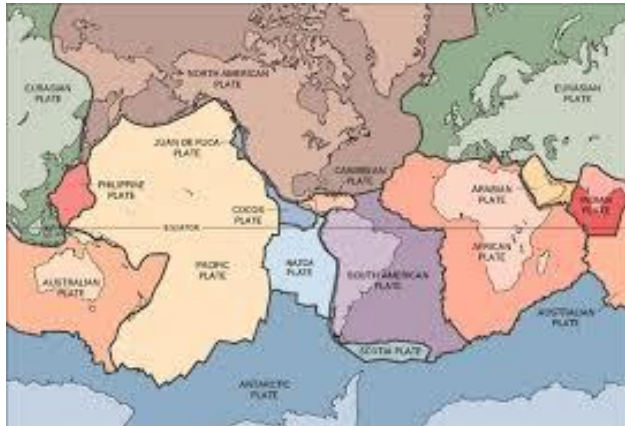
Knowledge Organiser: Natural Disasters and Climate Change (Year 5 Spring Term)

climate	the conditions of temperature, weather, humidity and atmospheric pressure of an area
tectonic	the geological structure beneath the earth's crust
hemisphere	half of the earth, usually divided between northern and southern halves
carbon dioxide	a colourless gas that consists of carbon and oxygen, which acts as a greenhouse gas in the earth's atmosphere
activism	vigorous campaigning used to bring about political change
recycle	reuse materials or convert waste materials in order to reuse them again
equator	an imaginary line around the middle of the planet, half way between the North and South Poles
greenhouse effect	the process of making the earth warmer, due to gases that trap heat within the atmosphere
longitude	geographic coordinates between east and west points on the earth's surface
latitude	the angular distance of a place north and south of the equator
environment	the natural world as a whole or in a particular geographical area, especially affected by human activity
global	relating to the world as a whole; worldwide activity

Important ideas

Plate Tectonics

Plates that constantly shift underneath the earth's crust, along fault lines causing earthquakes and volcanic eruptions.



Volcanic Eruptions

Magma under the earth's crust that pushes through due to moving plates, creating explosions and heavy lava flows. Examples include Mount Vesuvius, Mount Fuji and Krakatoa.





Earthquakes are sudden violent movements under the earth's surface, often cause mass destruction to homes and buildings



Climate Change is the change in global temperatures because of the greenhouse gases that are being emitted into the atmosphere through the burning of fossil fuels.

Pollution is when gases, smoke chemicals and waste are introduced into the environment in large amounts and makes it harmful for humans, animals and plants. Some forms of pollution are invisible and some can be seen such as plastic and rubbish.



Natural Disasters are destructive events caused by forces of nature.