



Year 5 Autumn 1: The World and Natural Disasters

Vocabulary

Lines of Latitude	Invisible horizontal lines which travel across the Earth. They help us understand climates in different places and help us locate places on Earth.
Lines of Longitude	Invisible vertical lines which travel down the Earth. They create time zones in different places and help us locate places on Earth.
Tropic of Cancer	23.5 degrees north of the equator. There are only wet and dry seasons here.
Equator	The line of latitude which runs across the centre of the Earth. It is very hot along the Equator. There are only wet and dry seasons here.
Tropic of Capricorn	23.5 degrees south of the equator. There are only wet and dry seasons here.
Time Zone	Different time zones are determined by the lines of longitude. Time zones are calculated using London as the starting point.
Prime Meridian	The line of longitude which runs through London. This is our time zone (Greenwich Mean Time). It is also called the Greenwich Meridian.
Volcano	An opening in the Earth's crust which contains molten rock.
Tectonic Plate	A large piece of the Earth's surface which moves very slowly.
Biome	Regions around the Earth where the animals and plants are the same. There are many different biomes, eg: desert, rainforest, tundra etc..
Northern Hemisphere	Everything north of the Equator.
Southern Hemisphere	Everything south of the Equator.

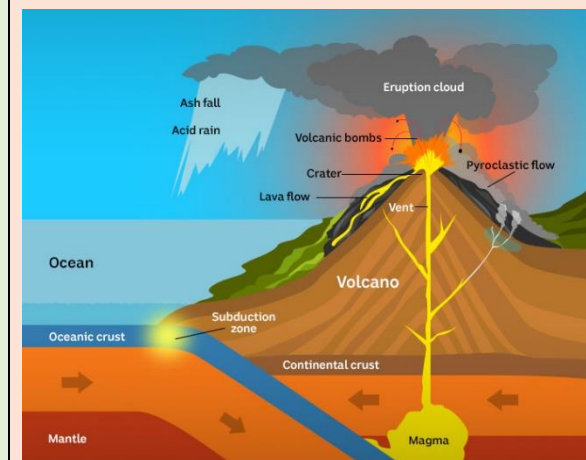


Need to know knowledge:

- 1) Know that we use lines of longitude and latitude to locate places around the world. The Equator is a line of latitude. Lines of latitude tell us how far north or south a place is.
- 2) Know that the Prime Meridian is a line of longitude (a time zone) which runs through London.
- 3) Know that:
 - The Arctic Circle is at the north of the Earth in the northern hemisphere. The North Pole is the most northern point.
 - The Antarctic Circle is at the south of the Earth in the southern hemisphere. The South Pole is the most southern point.
- 4) Know that climate change (global warming) is the process of our planet heating up.
- 5) Know that a volcano is an opening in the Earth's surface from which molten rock erupts.
- 6) Know that earthquakes are a violent jolt which shakes the land. Two tectonic plates collide, and this creates friction. Tremors are created.



Nice to know knowledge:



Active, Dormant and Extinct Volcanoes

Active - erupts frequently (e.g. Mount Etna in Sicily, Italy)

Dormant - temporarily inactive, but not fully extinct (e.g. Mount Fuji in Japan has not erupted since 1708). NOTE: the word dormant often means 'sleeping'

Extinct - unlikely to erupt again (Edinburgh)

