



# Eden Park Primary School Knowledge Organiser



## Prior Knowledge

During this enquiry, you will need to use your knowledge from Year 5 when you learnt about exploration of the world.



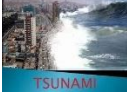



Here is a reminder of the prior knowledge that you will use:

- I can identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)
- I can locate the world's countries, using maps to focus on Europe and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities.
- I understand the human and environmental impacts of the selected countries and of the impact on them, including glaciation/ migration and climate change.

## The Powerful Knowledge we will take away from this Learning Enquiry:

- That different parts of the world are prone to different natural disasters, and some areas are more susceptible than others.
- An understanding of the existence of and role played by fault lines and tectonic plates in triggering some natural disasters.
- That natural disasters often reoccur in the same locations, and that this will shape both the human and physical geography of those areas.
- That whereas science and technology can sometimes help predict and lessen the impact of natural disasters, humans are rarely able to prevent them or their devastation.
- That it is our responsibility to understand this impact and consider ways we can help the victims of natural disasters, both local and global.

## Our key vocabulary

Word / Phrase	Meaning	Image
Volcano	A mountain or hill having a crater or vent through which lava, rock fragments, hot vapour, and gas are or have been erupted from the earth's crust.	
Earthquake	A sudden violent shaking of the ground as a result of movements within the earth's crust or volcanic action.	
Tsunami	A long, high sea wave caused by an earthquake or other disturbance.	
Forest Fire	A fire burning in an area of land with many trees, that is difficult to control and sometimes spreads quickly.	
Migration	Migration is the movement of people from one place to another. Migration can be within a country or between countries.	
Refugee	A person who has been forced to leave their country in order to escape war, persecution, or natural disaster.	
Tectonic plate	One of the parts of the earth's surface that move in relation to each other.	
Fault line	A break or fracture in the ground that occurs when the Earth's tectonic plates move or shift and are areas where earthquakes are likely to occur.	

### Key Facts:

*Brixham Great Gale - On the night of January 10/11th 1866, a southeast gale blew up, and the storm is widely remembered in Brixham to this day. Much of the towns fishing fleet, as well as other ships sheltering in Torbay were destroyed, with a large loss of life.*

*La Palma Volcano - Spain's La Palma Volcano (Cumbre Vieja) erupted on September 19<sup>th</sup> 2021 after nearly 1000 earthquakes were registered in five days. It has destroyed over 1000 buildings, entombed 709 hectares of land and forced the evacuation of 6000 people. Further earthquakes are continuing more than two weeks after the first volcanic eruption.*

*Haitian Tsunami and Earthquake - A catastrophic magnitude 7.0Mw earthquake struck Haiti at 16:53 local time on Tuesday, 12 January 2010. The epicenter was near the town of Léogâne, Ouest department, approximately 25 kilometres west of Port-au-Prince, Haiti's capital. By 24 January, at least 52 aftershocks measuring 4.5 or greater had been recorded. An estimated three million people were affected by the quake. Death toll estimates range from 100,000 to about 160,000.*

*Californian Wildfires - Parts of the western US have seen record-breaking temperatures this year, which - along with severe drought conditions - have triggered a series of major wildfires.*

*So far this year in California, more than twice as many acres of land have been burned by wildfires compared with the five-year average.*

### Focussed Literacy texts:

*Extreme Animals by Nicola Davies*

*Last Words by Robert McFarlane*

*Charles Dickens - Scenes from an Extraordinary Life by Mick Manning and Brita Grandstrom*

### Trips:

*Brixham Lifeboat Station / Beach*

*Visit from ShelterBox charity*

