Dynamic Earth

Knowledge Locational

I can locate the countries where these natural disasters happen.

Place

I can understand geographical similarities and differences and why natural disasters occur in different places and their impact on humans.

Human and Physical Geography

I know the different layers of the Earth

I can tell you where these natural disasters happen

I can explain why natural disasters happen.

I can tell you how to keep safe in these natural disasters and how humans have adapted to live in these places.

Geography Skills

I can use maps, atlases, globes and digital/computer mapping to locate the countries where these disasters happen.

Objectives Locational

Locate the world's countries

Place

understand geographical similarities and differences through the study of physical geography and its impact on humans.

Human and Physical Geography

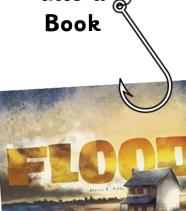
Children can describe and understand key aspects of:

- physical geography, including: volcanoes, tornadoes, tsunamis and earthquakes.
- human geography, impact on humans (housing, tourism, farming etc...)

Geography Skills

use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied







- Recognise some environments are different from which they live drawing on their own experiences, simple maps (Under the Sea, Dinosaurs, Transport)
- Recognise similarities and differences between the natural world around them and contrasting environments (Autumn, Winter, Minibeasts)
- Explain some similarities and differences between life in this country and life in different countries drawing on their own experiences, simple maps (All About Me, Under the Sea, On the

KS1

- Locate and name the continents and Oceans on a World Map
- Compare life and our local area with other countries
- Identifying hot and cold areas of the world in relation to the Equator and the North and South Poles Context: Chine, Africa (Kenya), Australia, North and South Poles

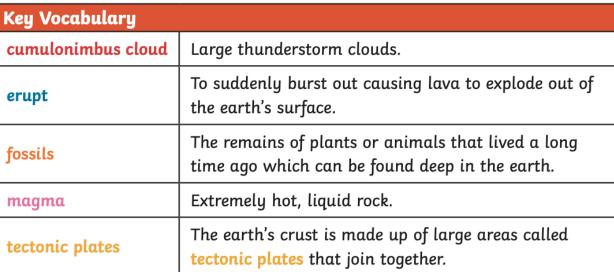
KS2

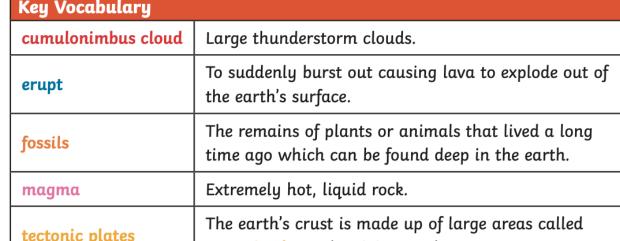
- Human and physical geography (UK, Africa (Egypt), Climate
- Location of countries continents, oceans, equator, rivers, Tropics of Cancer and Capricorn, land use patterns (Egypt)

Links to Future Learning

- France (locational knowledge, comparing)
- The Americas (linking to regions in America where disasters take place, comparing)
- Modern Day Greece (locational knowledge, comparing)





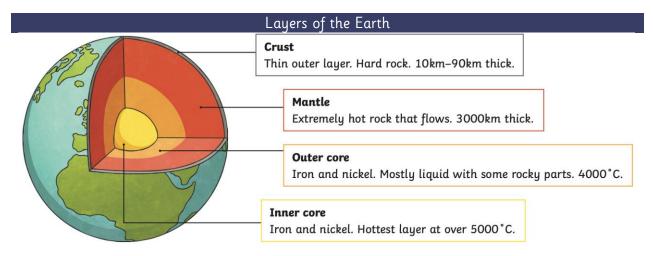




How would you deal with a natural disaster?

Would you live near a volcano?



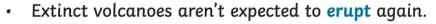


Volcanoes

 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.

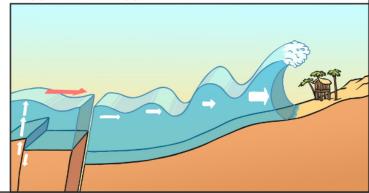
 Dormant volcanoes haven't erupted in the last 10 000 years but may erupt again.



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.





Physical Geography

I can describe and share my ideas on the varied physical geography of Mexico.

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.



Arguments For

- Volcanic soil produces good crops for farmers.
- Volcanoes are tourist attractions which brings money and jobs to the area.
- Minerals from volcanic rocks can be mined and used for building materials, which brings jobs to the area.

Arguments Against

- Volcanic ash can cause health problems for people and animals.
- People's homes can be destroyed by lava flow.
- Volcanic ash can destroy a farmer's crops.