



Year 3: How do volcanoes and earthquakes affect peoples' lives?

Target Memories:

Key Vocabulary:

Volcanoes

A volcano is a mountain from which hot melted rock, gas, steam, and ash from inside the Earth sometimes burst .

Earthquakes

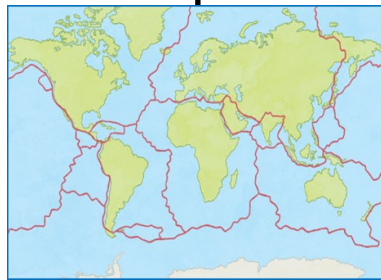
An earthquake is a shaking of the ground caused by movement of the Earth's crust.

Continent

- Italy is part of the continent Europe.
- Philippines and Japan are a part of the continent Asia.
- Mexico is a part of the continent South America.

Tectonic Plates

Tectonic plates are pieces of Earth's crust and uppermost mantle. When tectonic plates collide this can cause an earthquake/volcano.



Ring of Fire

An area in the Pacific Ocean where most volcanoes and earthquakes occur.

Impact

Negative impact:

- Volcanoes are dangerous – they can kill people and destroy homes.
- Businesses are destroyed – people lose their jobs.
- Habitats are destroyed – endangering animals.

Positive impact:

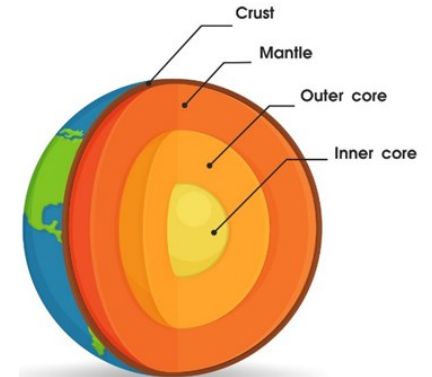
- Land is fertile and provides excellent farming opportunities.
- Tourists will visit volcanoes and will spend money.
- Mining opportunities



Active—An active volcano has erupted recently or is expected to erupt.



Dormant—A volcano that is not active at the present time but is capable of becoming active later on.



Cross section of a volcano

