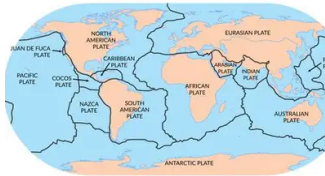




Geography - Year 5

Do we need to respect our rivers?



Vocabulary	Definition	Picture
Volcano	A mountain or hill that has a crater or vent through which lava, rock fragments, hot vapour, and gas are or have erupted from the earth's crust.	
tectonic plates	Tectonic plates are large, irregular-shaped slabs of rock that make up the Earth's crust and upper mantle.	
lava	Hot molten rock erupted from a volcano.	
magma	Hot fluid or semi-fluid material below or within the earth's crust from which lava is formed,	

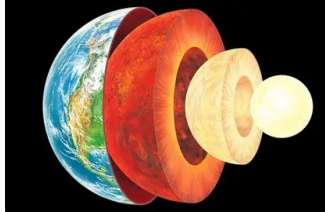
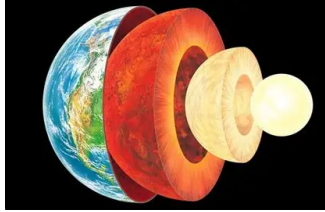
earthquake	A sudden violent shaking of the ground, typically causing great destruction, as a result of movements within the earth's crust or volcanic action.	
tornado	A tornado is a violently rotating column of air that is in contact with the surface of Earth and a cloud.	
tsunami	A tsunami is a series of waves in a water body caused by the displacement of a large volume of water, generally in an ocean or a large lake.	
core	The Earth's core is the very hot and dense center of our planet, composed of two main parts: the solid inner core and the liquid outer core.	



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mantle	The Earth's mantle is the thick layer of rock located between the Earth's crust and its core. It is liquid.	
crust	The Earth's crust is the outermost layer of our planet, approximately 40 kilometers deep and made up of tectonic plates.	

Sticky Knowledge:

Locational knowledge

- I know the Ring of Fire is located in Japan and China (Pacific ocean)
- I know there are no active volcanoes in the UK

Human Geography

- I know humans settle near volcanoes because the land is fertile
Humans settle near volcanoes because (write 1 reason)
- I know humans can be affected by living near volcanoes
How are humans affected by living near volcanoes (write 3 reasons)

Physical geography

- I know that volcanoes have steep slopes, mouth, caldera, magma chamber
A volcano is physical/human geographical feature
- I know that an earthquake is caused by the movement of tectonic plates
What causes an earthquake?
- I know that tsunamis are caused by the movement of tectonic plates under the ocean
Tsunamis are caused by...
- I know that tornadoes are caused by cold and warm air fronts meeting
Tornadoes are formed by cold and warm air fronts meeting and spinning

Geographical enquiry skills and fieldwork

- (I can label a volcano)
- (I can identify where volcanoes and earthquakes occur in the world)