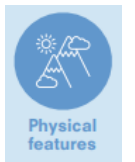
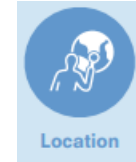




Saint Elizabeth's Knowledge Mat



Year: 4 **Subject:** Geography **Topic:** Volcanoes and Earthquakes

1. What I know already:

- Know the names of and locate the seven continents of the world. (Y1)
- Know the names of and locate the five oceans of the world. (Y1)
- Describe human and physical features of London, Edinburgh, Cardiff, Belfast. (Y2)
- Know and describe different types of extreme weather (Y2)



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.



2. What I am going to learn – My Sticky Knowledge



- Know that earthquakes occur and volcanoes are formed at 'fault lines' when the earth's tectonic plates move.
- Know the physical features of a volcano, including: ash cloud, lava, throat, crater, vent, conduit, magma and flank.
- Know that 90% of earthquakes and 75% of the world's volcanoes are located in the Pacific Ring of Fire.

3. Key vocabulary

Earthquakes	Shaking of the ground caused by movement of the Earth's crust
Volcanoes	Mountains from which lava, gas, steam and ash from inside the Earth sometimes burst
Erupt	To start suddenly or violently with great force
Dormant	Not active, but capable of becoming active in the future
Collision	When one moving object hits another
Magnitude	The size or scale of something countries
Meteoric	Sudden and extremely strong
Tsunami	A very large wave, caused by an earthquake
Magma	Extremely hot, liquid rock.
Tectonic plates	The earth's crust is made up of large areas called tectonic plates that join together.

Layers of Earth

