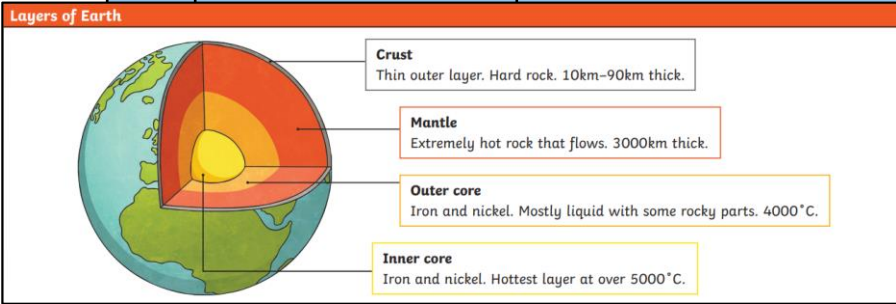


# All Saints CE Primary School and Nursery Knowledge Organiser

Year: 3	Geography: Angry Earth	<b>Geography Key question: What makes the Earth angry?</b>	Curriculum Strands: Location of volcanoes around the world with focus on Italy. Describe and understand the key physical characteristics of volcanoes and earthquakes and how they affect the human characteristics of an area. Skills: Use maps, atlases, globes and digital mapping to locate countries and describe features.
------------	------------------------	--	---



**Key Vocabulary**

<b>Volcano</b>
<b>Earthquake</b>
<b>Tsunami</b>
<b>Magma</b>
<b>Tectonic plates</b>
<b>Eruption</b>
<b>Active</b>
<b>Dormant</b>
<b>Extinct</b>



**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.
- Extinct volcanoes aren't expected to **erupt** again.



Mount Vesuvius in Italy has a very famous history. Its base is 30 miles wide and is estimated to be around 17,000 years old. In 79AD, Vesuvius erupted for a whole day. Thousands of people were killed, and the city of Pompeii was buried. Over the years, archaeologists have found bodies preserved by ash from the volcano along with other items, such as heating stoves and cooking utensils.

**Why do people live near Volcanoes?**

- Volcanic soil is good for growing
- Geothermal energy can make electricity
- Tourists want to visit, which brings money and jobs to the area.

**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.

**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.