**St Mary’s C of E Primary School, Writhlington**

*‘Inspiring Learning Together’*

**Scheme of Work + Knowlegde Organiser**

**Key Vocabulary:**

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| **Spelling** | **Definition/Sentence** |
| **volcano** | a mountain or hill, typically conical, having a crater through which lava and gas erupt from the earth's crust |
| **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 |
| **tsunami** | a long, high sea wave caused by an earthquake or other disturbance |
| **tornado** | violently rotating winds which have the appearance of a funnel-shaped cloud |
| **hurricane** | a storm with a violent wind |
| **Ring of Fire** | major area in the Pacific Ocean where many volcanoes and earthquakes occur |
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**The Learning Journey:  
What’s underneath my feet?**Children will think about what is underneath their feet, exploring the structure of the earth’s core.

**How are volcanoes formed?**Children will explore the different ways tectonic plates move and how this can cause the formation of a volcano.

**How do volcanoes affect people’s lives?**Children will discuss the location of the earth’s volcanoes and the definitions active, dormant and extinct. Having a classroom debate, children will consider the pros and cons of living near a volcano.

**What causes earthquakes and how to can you stay safe?**Children will explore how earthquakes occur and follow the safety procedures recommended in an earthquake.

**What causes tsunamis and how do they affect people’s lives?**Children will look at a picture after it has been hit by a tsunami and consider the damage and help needed. They will use iPads to investigate the Boxing Day tsunami in 2004.

**What causes tornadoes and how they are formed?**Children will make their own tornado in a bottle and consider how the Ef level of a tornado affects the amount of disruption caused.

**What causes hurricanes and how do they affect people’s lives?**Children will look at where hurricanes are most likely to occur in the world. Is there a link between another natural disaster?



**Natural Disasters**

**Wider Curriculum** (Cooking, trips, outdoor):  
Links to English and Escape From Pompeii text

**Knowledge outcomes:**

* Describe and understand key aspects of physical geography, including volcanoes, earthquakes, tsunamis and hurricanes
* Describe how natural disasters affect people’s lives
* Understand and discuss the structure of the earth

