

# Newquay Primary Academy – Geography Summer 1 Sequence



## YEAR 3

### Volcanoes

Prior knowledge...  
Pupils will have learnt about agriculture, rivers and mountains.

## YEAR 4

### Earthquakes

Prior knowledge...  
Volcanoes

Structure and composition of the earth  
How and why volcanoes erupt  
Types of volcanoes  
Active, dormant and extinct volcanoes  
Link to settlements with section on why people still live near volcanoes  
Deepen Mediterranean place focus via Mount Etna and human settlements around it.  
Why people visit volcanoes (work, tourism, farming, science)

Geographical skills: Using diagrams, describing distribution

## INTENT

Disciplinary focus: Interaction  
How do volcanoes affect a place?

Depth focus: The Christchurch earthquake, New Zealand.  
Causes of earthquakes: tectonic plates, fault lines  
Depth focus: California & San Andreas fault, Indian Ocean tsunami  
Effects of earthquakes  
How humans live in earthquake zones and adapt their settlements (e.g. Japan)  
Revisits knowledge on volcanoes from Year 4 Spring 1.

Geographical skills: Thematic maps

**VOCABULARY /  
STICKY KNOWLEDGE**

Structure and composition of the earth How and why volcanoes erupt Types of volcanoes Active, dormant and extinct volcanoes Link to settlements with section on why people still live near volcanoes Deepen Mediterranean place focus via Mount Etna and human settlements around it. Why people visit volcanoes (work, tourism, farming, science)

Geographical skills: Using diagrams, describing distribution

Chapter 1  
earthquake tremors aftershocks  
Chapter 2  
visible tectonic plates plate boundary  
Chapter 3  
fault line San Andreas fault seven major plates friction  
Chapter 4  
epicentre tsunami focus seismic waves seismograph seismogram magnitude Richter scale  
Chapter 5  
trembling immediate effects tidal wave devastate liquid mud environment rubble landslide subsidence long -term effects  
Chapter 6  
prone absorb rubber drill

**SEQUENCE OF  
LESSONS**

- 1.The journey no one will make
2. What happens when a volcano erupts?
3. How are volcanoes formed?
4. Active, dormant and extinct volcanoes
5. Mount Etna
- 6.Why do people choose to be near a dangerous volcano?

1. Earthquakes Lesson 1
2. Earthquakes Lesson 2
3. Earthquakes Lesson 3
4. Earthquakes Lesson 4
5. Earthquakes Lesson 5
6. Earthquakes Lesson 6

**OUTCOME /  
COMPOSITE**

Pupils to tell parents how volcanoes affect a place in a parent café.

Disciplinary focus: interaction  
How do earthquakes affect people and environments?