

**Year 4 Earthquakes Medium Term Plan**

<p><b>National Curriculum</b>                      Pupils should be taught to:                      describe and understand key aspects of:                      ♣ physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle</p>	<p align="center"><b>Knowledge</b></p> <p>Earthquakes                      Depth focus: The Christchurch earthquake, New Zealand.                      Causes of earthquakes: tectonic plates, fault lines                      Depth focus: California &amp; 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                      Disciplinary focus: interaction  <i>How do earthquakes affect people and environments?</i></p>
<p align="center"><b>Lesson Focus</b></p>	<p align="center"><b>Vocabulary</b></p>
<p>1 The day that everything shook!</p>	<p>earthquake, tremors, aftershocks</p>
<p>2 Why do earthquakes happen?</p>	<p>visible, tectonic plates, plate boundary</p>
<p>3 The San Andreas fault,</p>	<p>fault line, San Andreas fault, seven major plates, friction</p>
<p>4 How can you measure earthquakes?</p>	<p>epicenter, tsunami, focus, seismic waves, seismograph, seismogram, magnitude, Richter scale</p>
<p>5 What are the effects of earthquakes?</p>	<p>trembling, immediate effects, tidal wave, devastate, liquid mud, environment, rubble, landslide, subsidence, long-term effects</p>
<p>6 How do humans live with earthquakes?</p>	<p>prone, absorb, rubber, drill</p>
<p>Synoptic task  <i>What are the effects of earthquakes on people and on the environment?</i></p>	