

Geography Alive: Stage 2 (Topic 2: The Earth's Environment)

Lesson 5: Earthquakes		
<p>Content focus:</p> <p>In this lesson, students are introduced to the processes responsible for the physical characteristics of its surface. In this instance, we focus on earthquakes, their causes and impacts. Also addressed are tsunamis, their cause and impacts.</p>		<p>Resources:</p> <ul style="list-style-type: none"> • YouTube video clip: Ryan's World: <i>What is an earthquake</i> [https://www.youtube.com/watch?v=wi-7hic3Uac] • YouTube video clip: Ryan's World: <i>How are tsunamis formed?</i> [https://www.youtube.com/watch?v=G2cznwPY13M] • YouTube clip: <i>Introduction to earthquakes</i> [https://www.youtube.com/watch?v=JrBaiPN6AW8] • <i>Resources Sheet 1: Earthquakes</i> • <i>PowerPoint Presentation 1 (Slides 12–18)</i>. • <i>Worksheet 1 (lesson 2)</i>
<p>Key inquiry questions:</p> <ul style="list-style-type: none"> • What are the key processes shaping the physical character of the Earth's surface? • How is the movement of the earth's crustal plates linked to earthquakes? • How are earthquakes and tsunamis related? 	<p>Outcomes:</p> <p><i>A student:</i></p> <ul style="list-style-type: none"> • identifies and describes, in simple terms, the process that determines the characteristics of places and environments • explains, in simple terms, the processes that initiate earthquakes and tsunamis. 	<p>Lesson sequence:</p> <ul style="list-style-type: none"> • Step 1: Using Ryan's World YouTube clips, introduce students to earthquakes and tsunamis. Follow this with the YouTube clip: Introduction to earthquakes [https://www.youtube.com/watch?v=JrBaiPN6AW8] • Step 2: With the aid of Resource Sheet 1 and PowerPoint 1 (Lesson 2) – Slides 13-18 – explain to students the occurrence of earthquakes and tsunamis. • Step 3: Ask students to complete Activities 6 and 7 on Worksheet 1 (Lesson 2). • Step 4: Use questioning to ascertain the level of student understanding.