



Unit: 1	Lesson 1	Lesson 2	Lesson 3	Lesson 4 + 5	Lesson 6 + 7	Lesson 8 + 9			
LESSON TOPIC QUESTION(S)	What are hazards?	Why do tectonic plates move?	What happens when plates meet?	What were the impacts of the 2021 Haiti earthquake?	What were the impacts of the Boxing Day tsunami?	What were the impacts of the eruption of Eyjafjallajökull?			
Knowledge & Skills development	<p>Lesson objectives:</p> <ol style="list-style-type: none"> Understand the three different types of hazards. Distinguish between a natural disaster and a natural hazard Understand how structure of the earth facilitates plate movement. Difference between oceanic and continental crust. Wegener's plate tectonic theory. Understand what a plate boundary is. All three plate boundaries identify movement, processes involved, and landforms created Describe Haiti's location, define key terms of earthquakes, understand the Richter scale, distinguish between primary and secondary impacts. Describe location of event, understand the causes of tsunamis, awareness of the variety and scale of the impacts of the tsunami Describe Iceland's location, write and perform a news report summarising and explaining the events. <p>Skills:</p> <p>Students interpret infographic information and thematic maps, they are also involved in scripting and present a news report on a volcanic eruption</p>								
Assessment / Feedback Opportunities	<p>Formative Assessment</p> <p>Q&A, green pen location tasks and worksheets, extended writing tasks, plenaries</p>			<p>Summative assessment</p> <p>Mid-topic and end of topic tests. Feedback lesson</p>					
Key Vocabulary	<p>Natural hazard, natural disaster, vulnerable population, oceanic crust, continental crust, tectonic plate, convection currents, plate boundary, constructive plate boundary, destructive plate boundary, conservative plate boundary, focus, epicentre, magnitude, Richter scale, Mercalli scale, primary impact, secondary impact, short-term response, long-term response, tsunami</p>								
Literacy/Reading opportunities	<p>Reading information sheets, extended writing, writing and performing news report</p>								
Cross-Curricular Themes	<p>Science: Earth structure, convection currents English: extended writing, writing and performing news report</p>								
Personal Development	<p>This unit fosters critical thinking and informed citizenship through understanding natural hazards and their impacts on communities worldwide. It encourages respect for scientific knowledge and global awareness, promoting empathy and cooperation in disaster response and resilience planning.</p>								

(Including British Values, RSE, Citizenship)	
Career Opportunities	Students explore careers in geology, seismology, emergency management, environmental consultancy, journalism, and disaster relief coordination. The unit develops analytical, communication, and problem-solving skills essential for roles in science, public safety, and media.