

High Tunstall College of Science Curriculum Intent

Subject: Geography Year: 9 Half term: 5

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| **9.4.2: THE CHALLENGE OF NATURAL HAZARDS:** **Tectonic Hazards** |
| **Big Concepts/Golden Nuggets****Scale, Place, Interconnection, Change, Environment** | **Filters**Social, Economic, Environmental | **Tools**Numeracy &Literacy, Problem-solving, Spatial Awareness,Self-management, Teamwork |
| **Key ideas** | **Progress RAG** |
| **Earthquakes and volcanic eruptions are the result of physical processes. (CGP p4-5)** |  |  |  |
| **The effects of, and responses to, a tectonic hazard vary between areas of contrasting levels of wealth. (CGP p6-7)** |  |  |  |
| **Management can reduce the effects of a tectonic hazard. (CGP p8)** |  |  |  |

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| **Lesson** | **Learning Focus** | **Assessment** | **Key Words** |
| **1** | Plate tectonics theory.  | Bell Task Retrieval Practice:Starter:Info Source:Main Task:Practice Question:Plenary:  | Plate margin, Tectonic plate |
| **2** | Global distribution of earthquakes and volcanic eruptions and their relationship to plate margins.  | Bell Task Retrieval Practice:Starter:Info Source:Main Task:Practice Question:Plenary:  | Earthquake, Volcano |
| **3** | Physical processes taking place at different types of plate margin (constructive, destructive and conservative) that lead to earthquakes and volcanic activity. | Bell Task Retrieval Practice:Starter:Info Source:Main Task:Practice Question:Plenary:  | Conservative plate margins, Constructive plate margin, Destructive plate margin |
| **4** | Primary and secondary effects of a tectonic hazard.  | Bell Task Retrieval Practice:Starter:Info Source:Main Task:Practice Question:Plenary:  | Primary effects, Secondary effects, Tectonic hazard,  |
| **5** | Immediate and long-term responses to a tectonic hazard.  | Bell Task Retrieval Practice:Starter:Info Source:Main Task:Practice Question:Plenary:  | Immediate responses, Long-term responses,  |
| **6** | **Use named examples to show how the effects and responses to a tectonic hazard vary between two areas of contrasting levels of wealth: New Zealand 2016 and Nepal 2015 Earthquakes.** | Bell Task Retrieval Practice:Starter:Info Source:Main Task:Practice Question:Plenary:  |  |
| **7** | Reasons why people continue to live in areas at risk from a tectonic hazard.  | Bell Task Retrieval Practice:Starter:Info Source:Main Task:Practice Question:Plenary:  |  |
| **8** | How monitoring, prediction, protection and planning can reduce the risks from a tectonic hazard. | Bell Task Retrieval Practice:Starter:Info Source:Main Task:Practice Question:Plenary:  | Monitoring, Planning, Prediction, Protection,  |
| **9** | Retrieval & Review | Selection of revision & review activities of content covered in lessons 1-9. |  |