

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. |  |