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| **GCSE – Unit 1 Hazardous Earth - Climate** | **Unit Navigator - Climate** | | | | | |
| **LG1**: Demonstrate knowledge of locations, places, processes, environments and different scales.  **LG2**: Demonstrate geographical understanding of concepts and how they are used in relation to places, environments and processes. The inter-relationships between places, environments and processes.  **LG3:** Apply knowledge and understanding to interpret, analyse and evaluate geographical information and issues and to make judgements.  **LG4**: Select, adapt and use a variety of skills and techniques to investigate questions and issues and communicate findings. | Assessment Grades |  | Key terms | | | |
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| **Theme** | **Learning Goals/Outcomes/Content** | | |  |  |  |
| L1 – What is Atmospheric & Oceanic Circulation | LG1 – To understand how heat is circulated around the globe and to examine jet streams and the Coriolis effect | | |  |  |  |
| L2 – What is Atmospheric Pressure? | LG2 – To use understanding of these processes to explain climatic patterns globally. | | |  |  |  |
| L3 – What are the natural causes of climate change? | LG2 – To understand the concept of and processes involved in natural climate change.  LG3 – To use geographical data and evidence to support the idea of natural climate changes. | | |  |  |  |
| L4 – What are the Human causes of climate change? | LG1 – To know and understand the man made processes that are contributing towards climate change. | | |  |  |  |
| L5 – What are the consequences of climate change? | LG2 – To understand the link between the processes of climate change and the impact they have on different physical environments globally. | | |  |  |  |
| L6 – What are tropical storms? | LG1: To understand the structure and formation of tropical storms and the processes at work. | | |  |  |  |
| L7 – What controls the intensity of Tropical Storms? | LG1 – To know what factors control how intense a tropical storm will be and how quickly it will dissipate.  LG2 – To understand how intensity and distribution of tropical storms is linked to other physical processes. | | |  |  |  |
| L8 – What are the impacts of Tropical Storms? | LG1 – To know the impacts that are created by Tropical Storms | | |  |  |  |
| L9 – Why are some countries more vulnerable to Tropical Cyclones than others? | LG1 – To understand the factors that cause some countries to be more vulnerable to the impacts of Tropical Cyclones.  LG3 – To apply knowledge of global development from KS3 to explain and exemplify vulnerability factors. | | |  |  |  |
| L10-11 – What case studies illustrate the differing effects of Tropical Storms? | LG2 – To demonstrate an understanding of Tropical storm formation and impacts in relation to places.  LG3 – To use facts, figures and real data to analyse the impacts of two tropical cyclones | | |  |  |  |

**Links:**

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