

High Tunstall College of Science Curriculum Intent

Subject: Geography Year: 7 Half term: 2

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| **Unit: Our Physical world** | | | | | |
| **Be an #excellentgeographer** | | | | | |
| **Big Concepts**  Scale, Place, Interconnection, Change, Environment | **Filters**  Social, Economic, Environmental | **Tools**  Problem-solving, Numeracy &Literacy, Team-work, Spatial Awareness,  Self-management | | | |
| **Key ideas** | | | **Progress** | | |
| Our planted has diverse features and climate | | | **R** | **A** | **G** |
| The world’s crust moves and leads to natural disaster which affects both our physical world and people | | |  |  |  |
| We anticipate natural disasters and attempt to manage their impacts on people | | |  |  |  |
| Our planet experiences a vast amount of extreme weather | | |  |  |  |

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| **Lesson** | **Learning Focus** | **Assessment** | **Key Words** |
| **1** | A world of extremes  The physical geography of the world | Map reading tasks  Creation of a diagram illustrating relief  Plotting mountains on a map | Latitude  longitude |
| **2** | Our Underwater world 1  The physical geography of the oceans including the Mid -Atlantic Ridge and the Marina trench. | Use and interpret satellite photos  Complete map cross sections | Mid -Atlantic Ridge  Fault  Rift Valley |
| **3** | Our Underwater world 2  The Theory of plate tectonics  The process of plate margins | Describe landscapes from photos  Use, Interpret and complete diagrams | Plate – tectonics  Crust  Plate  Constructive plate margin, |
| **4** | Earthquakes 1  The causes and effects of earthquakes | Interpreting witness accounts and photos of an Earthquake  Identifying the direction of plate movement  Interpret choropleth maps | Earthquake, Epicentre |
| **5** | Earthquakes 2  The global distribution of earthquakes  Measuring earthquakes  Tsunamis | Understand the use of numerical data  Use, interpret, and complete diagrams | Seismic waves, seismograph, Richter scale, tsunami, focus |
| **6** | Volcanoes 1  Features of Volcanos  Hazards of Vulcanic eruptions  The global distribution of volcanos and links to plate tectonics | Draw sketches from photos  Use and interpret ground photos and atlas maps  Complete diagrams | Magma. Lava, hot spot, vent |
| **7** | Managing Volcano eruptions  Scenario: A volcano has erupted and you need to manage the immediate response | Decision making  Plotting events on a map | Response  Management |
| **8** | **Volcanos: A case study**  The Eruption of Kilauea, Hawaii, 2018 |  | Caldera |
| **9** | Global Weather and Climate 1  Extreme weather events around the world  Global patterns of Climate | Use interpret and complete diagrams  Report the effects of Extreme weather | Heatwave, wildfire, tropical storm |
| **10** | Global Weather and Climate 2  Asian Monsoons  The Climate of Dhaka Bangladesh | Use interpret and complete climate graphs  Identify trends using numerical data | Monsoon |
| **11** | The Beast from the East  Give an example of extreme weather in the UK  Give an example of local impacts of extreme weather | Explanation of the formation of the beast from the east  Categorisation of impacts  News report | Beast from the east  Vortex |
| **12** | Comparing Maps | Draw sketches form phots  Label sketches  Use, interpret and Complete Atlas maps  Compare maps | Eye |