

High Tunstall College of Science Curriculum Intent

Subject: Geography Year: 7 Half term: 2

|  |
| --- |
| **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  |   |   |   |

|  |  |  |  |
| --- | --- | --- | --- |
| **Lesson** | **Learning Focus** | **Assessment** | **Key Words** |
| **1** | A world of extremesThe physical geography of the world | Map reading tasksCreation of a diagram illustrating reliefPlotting mountains on a map | Latitude longitude |
| **2** |  Our Underwater world 1The physical geography of the oceans including the Mid -Atlantic Ridge and the Marina trench. | Use and interpret satellite photosComplete map cross sections  | Mid -Atlantic Ridge FaultRift Valley |
| **3** | Our Underwater world 2The Theory of plate tectonicsThe process of plate margins  | Describe landscapes from photos Use, Interpret and complete diagrams  | Plate – tectonics CrustPlateConstructive plate margin,  |
| **4** | Earthquakes 1The causes and effects of earthquakes  | Interpreting witness accounts and photos of an Earthquake Identifying the direction of plate movementInterpret choropleth maps  | Earthquake, Epicentre  |
| **5** | Earthquakes 2 The global distribution of earthquakes Measuring earthquakesTsunamis | Understand the use of numerical dataUse, interpret, and complete diagrams  | Seismic waves, seismograph, Richter scale, tsunami, focus |
| **6** | Volcanoes 1Features of VolcanosHazards of Vulcanic eruptions The global distribution of volcanos and links to plate tectonics  | Draw sketches from photosUse and interpret ground photos and atlas maps Complete diagrams  | Magma. Lava, hot spot, vent |
| **7** | Managing Volcano eruptionsScenario: A volcano has erupted and you need to manage the immediate response  |   Decision makingPlotting events on a map | Response Management |
| **8** |  **Volcanos: A case study** The Eruption of Kilauea, Hawaii, 2018 |  | Caldera |
| **9** | Global Weather and Climate 1Extreme weather events around the worldGlobal patterns of Climate | Use interpret and complete diagrams Report the effects of Extreme weather | Heatwave, wildfire, tropical storm |
| **10** | Global Weather and Climate 2Asian MonsoonsThe Climate of Dhaka Bangladesh  |  Use interpret and complete climate graphsIdentify trends using numerical data  | Monsoon |
| **11** | The Beast from the EastGive an example of extreme weather in the UKGive an example of local impacts of extreme weather  | Explanation of the formation of the beast from the eastCategorisation of impactsNews report | Beast from the eastVortex  |
| **12** | Comparing Maps |  Draw sketches form photsLabel sketchesUse, interpret and Complete Atlas mapsCompare maps | Eye  |