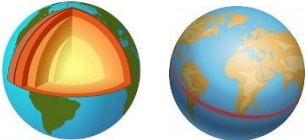









Topic: Devastating Disasters

| Lesson Title | Knowledge & Understanding AO1&2 (40%) | Judgement & Skills AO3&4 (60%) |
|--|--|---|
| 1. Tectonic and Climatic hazards  | <input type="checkbox"/> Cause and consequence <input type="checkbox"/> Impacts SEEP (primary and secondary) <input type="checkbox"/> Structure of the Earth <input type="checkbox"/> Formation of tropical storms <input type="checkbox"/> Case studies | <input type="checkbox"/> Assess – Judge the preparation and response <input type="checkbox"/> Graph to highlight climate change. <input type="checkbox"/> Choropleth map to show distribution of tectonic and climatic hazards. |
| 2. Iceland Volcanic Eruption 2010  | <input type="checkbox"/> Characteristics of Composite volcano <input type="checkbox"/> Characteristics of Shield volcano <input type="checkbox"/> Distribution of plate boundaries <input type="checkbox"/> Plate margin types <input type="checkbox"/> Hot spots <input type="checkbox"/> Impacts caused by the Icelandic eruption. | <input type="checkbox"/> Diagrams of cross sections of volcanoes <input type="checkbox"/> Assess – Judge the preparation and response <input type="checkbox"/> Map skills – plate boundaries <input type="checkbox"/> Comparisons between 3 plate boundaries. <input type="checkbox"/> Satellite images |
| 3. 1960 Chilean Earthquake  | <input type="checkbox"/> Distribution of earthquakes <input type="checkbox"/> Causes of the earthquake <input type="checkbox"/> PRIME <input type="checkbox"/> Impacts <input type="checkbox"/> Preparation and Response <input type="checkbox"/> Focus and epicentre <input type="checkbox"/> Seismometer <input type="checkbox"/> Magnitude <input type="checkbox"/> Richter scale | <input type="checkbox"/> Map skills – plate boundaries and South America <input type="checkbox"/> Assess – Judge the preparation and response <input type="checkbox"/> Use of photos <input type="checkbox"/> Stretch and Challenge – Flooded with facts - Inference |
| 4. Montserrat interactive DME  | <input type="checkbox"/> Location of Montserrat <input type="checkbox"/> Composite volcano structure <input type="checkbox"/> Pyroclastic flow <input type="checkbox"/> Primary vs secondary impacts of volcanic eruptions. <input type="checkbox"/> Primary and secondary responses | <input type="checkbox"/> Responding to a chronological sequence of events. <input type="checkbox"/> Annotating a map with key events - GIS <input type="checkbox"/> Decision making <input type="checkbox"/> Preparing a hazard map. <input type="checkbox"/> Team work |
| 5. 2015 – Year Of The Storms  | <input type="checkbox"/> Distribution of tropical storms <input type="checkbox"/> Characteristics of tropical storms <input type="checkbox"/> Formation of tropical storms <input type="checkbox"/> Impacts – Social, economic, environmental and political <input type="checkbox"/> Human vs physical impacts | <input type="checkbox"/> Map skills – Distribution of tropical storms <input type="checkbox"/> Cross section of a hurricane diagram <input type="checkbox"/> Inference – Newspaper article |
| 6. USA – Fires vs. Floods  | <input type="checkbox"/> US states and hazard mapping. <input type="checkbox"/> Causes and consequences of flash floods and forest fires. <input type="checkbox"/> Categorising impacts – Social, economic and environmental. <input type="checkbox"/> Methods of mitigating for floods/fires. <input type="checkbox"/> US case studies – Pennsylvania, Mississippi and California. | <input type="checkbox"/> Map skills – Distribution of US states and hazards <input type="checkbox"/> Choropleth Maps – US heat maps of floods/fire zones. <input type="checkbox"/> Assess (AO3) – Judgement regarding which US natural disaster was the most severe and why? |
| 7. Revision/Assessment | Based on the knowledge and skills listed above. | |
| 8. Closing the gap | Do you have everything above ticked? | |