

Humanities Department

Year 9 (Autumn term 1 and 2)

Topic: How dangerous is our planet?

Learning Journey

Prior learning: Student will have been introduced to the concept of natural hazards through a brief introduction to extreme weather as part of the year 7 weather and climate unit and an introduction to climate change, particularly its effects on weather related natural hazards such as heatwaves, droughts and storms. This unit will build on this foundation.

| Learning sequence – topic title | | | | | | | Endpoint |
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| Main learning steps | Students are introduced to what is meant by a natural hazard and different examples / classifications that can be found. | Students develop their understanding of the structure of the earth and the theory of plate tectonics. | Students will focus on earthquakes as an introduction to tectonic hazards. Understanding how they occur, their effects and how people manage living with them. | Students will examine further tectonic hazards including volcanoes and tsunamis. Understanding how they occur, their effects and how people manage living with them. | Students focus on tropical storms as an introduction to weather related hazards. Understanding their formation, effects and how people respond to this. | Students focus on wildfires, understanding their causes, effects and how people respond to these hazards. | Students will understand the causes and consequences of a variety of natural hazards. They will also evaluate the extent to which hazard impact is driven by both natural and human factors. |
| Assessment | | Students will complete a short key term test focused on | Students examine two earthquake case studies; | | | | |

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| | | introductory lessons on natural hazards. This will be peer assessed with immediate feedback in terms of a mark out of 20. | Haiti 2010 & Hokkaido 2003 and write an essay on what factors make the damage earthquakes cause worse in some areas compared to others. This will be marked by member of staff against assessment criteria. | | | | |
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Where will we use these ideas again: *In year 10 GCSE geography, students will be introduced to their first unit of study: the challenges of natural hazards. The course will develop on their prior learning in this unit and requires students to have a deeper understanding of what natural hazards are focusing on earthquakes and tropical storms along with their effects in the context of factors that make some places more vulnerable than others.*