



Christopher Whitehead Sixth

Form



Edexcel Geography Summer Task

Tectonics

Tectonic hazards are a significant risk in some parts of the world. This is especially the case where active tectonic plate boundaries interact with areas of high population density and low levels of development. Resilience in these places can be low, and the interaction of physical systems with vulnerable populations can result in major disasters.

An understanding of the causes of tectonic hazards is key to both increasing the degree to which they can be managed and putting in place successful responses that can mitigate social and economic impacts and allow humans to adapt to hazard occurrence.

Task one: research the recent eruptions in Hawaii and Guatemala.

The following links will help

<https://www.theguardian.com/world/2018/jun/11/guatemala-volcano-woman-searches-for-50-buried-relatives>

<https://www.aljazeera.com/news/2018/06/guatemala-volcano-eruption-anger-lack-government-warnings-180611075406833.html>

<https://www.aljazeera.com/news/2018/06/fuego-volcano-week-rescue-workers-recover-buried-bodies-180611062503700.html>

<https://www.bbc.co.uk/news/world-latin-america-44378775>

<https://www.cnbc.com/2018/06/11/explosion-at-hawaii-volcano-spews-ash-as-lava-flows-into-sea.html>

<https://www.reuters.com/article/us-hawaii-volcano/explosion-at-hawaii-volcano-spews-ash-as-lava-flows-into-sea-idUSKBN1J60ZP>

<https://abcnews.go.com/US/satellite-images-show-effects-kilauea-volcanos-latest-eruption/story?id=55748200>

<https://www.bbc.co.uk/news/world-us-canada-44027883>

<https://www.nytimes.com/video/world/americas/100000005942530/guatemala-volcano-fuego-hawaii-kilauea-comparison.html>

<https://www.nytimes.com/2018/06/08/science/volcano-guatemala-hawaii.html>

Task two: comparing and contrast the impacts of the volcanic activity in Hawaii and Guatemala.

Find 5 or 6 images that illustrate the differences between both eruptions. Present these on a Word or Publisher document with relevant captions for each image

Write a report about the differences in the causes and impacts of the eruptions. Consider the reasons why the impacts were so different. You should aim to write at least 500 words.