

Summer project work for Geography Mrs Nicol-Boyle

In the Autumn term in Geography, part of your course will be studying Tectonics. Hopefully this is not a new subject to you and we be spending some time on looking at the geological mechanisms and then, onto how this impacts disaster planning and relief.

Task:

- To study the named examples below. Make notes on the following:
- When, where and why (map of location and type of tectonic plate)
- Why did people die? Were geopolitics involved?
- How has the country's level of development / human rights impacted on the disaster?
- How you link this to the PAR model or Hazard Management Cycle? (covered in taster session)
- The below resources are a starting point – there are some fantastic resources online and on social media – start to get to know these as they will help you 😊

Case Study 1 and resources:

- Whakaari / **White Island**, an active stratovolcano island in New Zealand's northeastern Bay of Plenty region explosively erupted in 2019.
- [Survivors of White Island Disaster say they felt abandoned after eruption | 60 Minutes Australia - YouTube](#)
- Trapped in the Volcano – Film available on Amazon
- [The December 2019 hydrothermal explosion at White Island \(Whakaari\), New Zealand, and its lessons for Yellowstone | U.S. Geological Survey \(usgs.gov\)](#)
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Case study 2 and resources:

- **Afghanistan** Earthquake June 2022 –
- [M 4.8 - 47 km S of Jurm, Afghanistan \(usgs.gov\)](#)
- [Afghan quake: at least 1,000 people killed after 5.9 magnitude tremor | Afghanistan | The Guardian](#)

Case Study 3 and resources:

- **Turkiye and Syria** Earthquake February 2023- this is on-going so worth checking on progress of recovery on this.
- [Turkey and Syria earthquake: latest news \(redcross.org.uk\)](#)
- [Türkiye-Syria Earthquake Response | United Nations](#)