



SAFFRON WALDEN  
COUNTY HIGH SCHOOL

## SWCHS SIXTH FORM SUMMER WORK

### A Level Earth Science (Geology)

#### TASK

##### **Volcanic hazards**

If you have any queries regarding this work please email [cmconnaughie@swchs.net](mailto:cmconnaughie@swchs.net)

##### **Task**

Research a volcanic eruption that happened over the last 40 years.

Create a fact file, essay, PowerPoint, poster etc... (you choose) That demonstrates what happened.

Make sure to include:

1. Location, geography, geology of the area and the volcano itself
2. Contextual information about the area nearby that was affected – think about the conditions and contexts that might affect the level of risk, the area's vulnerability and capacity to cope with a disaster
3. Discussion of the impacts of this eruption
4. What was done during the eruption? (immediate, real time risk management)
5. What was done afterwards to resolve the disaster

This is 3 hours work so should involve some good quality research and a really well thought through presentation.

AI warning: This can be a useful tool for finding articles and sources of information but work that is directly lifted from AI will be re-done (I will check it!)

##### **How will this work be used in lessons?**

This will be marked and returned to you in the first few weeks of term

##### **How long will this task take?**

3 hours

##### **Additional information/resources to help you complete this task**

Some starting points:

Nevada del Ruiz 1985 - <https://volcano.si.edu/volcano.cfm?vn=351020>

Pinatubo 1991 - <https://volcano.si.edu/volcano.cfm?vn=273083>

<https://www.sciencenews.org/article/worlds-deadliest-volcanoes-and-how-they-kill>

<https://www.netflix.com/gb/title/81410405> White Island Volcano 2019