



Subject: Year 11 GCSE. Autumn 1



Unit: The Challenge of Natural Hazards

You will be studying AQA, Geography GCSE. The course comprises of 3 exams sat in summer of year 11:

Natural Hazards is Section A of Paper 1: Living with the physical environment

For further information, past papers and examiners reports, visit:

<https://www.aqa.org.uk/subjects/geography/gcse/geography-8035/subject-content/living-with-the-physical->

Key topics include:

- ✓ Natural hazards pose a risk to people and property.
- ✓ Earthquakes and volcanic eruptions are the result of physical processes.
- ✓ The effects of, and responses to, tectonic hazards vary between areas of contrasting wealth.
- ✓ Management can reduce the effects of tectonic hazards.
- ✓ Global atmospheric circulation helps to determine patterns of weather and climate.
- ✓ Tropical storms develop as a result of particular physical conditions and have significant effects on people and the environment.
- ✓ The UK is affected by a number of weather hazards and impacts on human activity.
- ✓ Climate change is the result of natural and human factors and has a range of effects.
- ✓ Managing climate change involves both mitigation and adaptation.

Assessment:

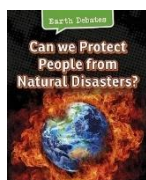
Students will be examined with an end of unit exam paper consisting of short questions and extended writing question worth 6 and 9 marks plus SPaG.

Specialist key terms for this unit:

Aftershock	Collision	Conservative	Constructive	Tsunami	Core	Crust	Mantle	Vortex
Continental crust	Continental drift	Convection current	Fold mountains	Hot spring	Climate change			
Destructive	Dormant	Epicentre	Fault	Focus	Igneous	Lava	Magma	Subduction
Mitigation	Oceanic	Ridge push	Saffir-Simpson Scale	Slab pull	Tropical storm	Moment magnitude scale		

Key case studies:

Earthquake in a LIC: Nepal 2015
Earthquake in a HIC: Chile 2010
Tropical Storm: Typhoon Haiyan
UK weather hazard: Somerset Levels



Subject reading:

Can we protect people from natural disasters?

No one is too small to make a difference by Greta Thunberg



Suggested enrichment activities:

Watch: **Climate change: What can we do?** BBC Panorama ;: **Everest and Nepal Earthquake (Netflix); Climate change: The facts (BBC – David Attenborough)**

Websites:

Cool Geography – Natural Hazards: has an overview of the whole unit with videos

Internet Geography: topics <https://www.internetgeography.net/aqa-gcse-geography/the-challenge-of-natural-hazards/> & revision resources <https://www.internetgeography.net/gcse-geography-interactive-revision/gcse-geography-natural-hazards-revision/>

Bitesize Unit 1: <https://www.bbc.co.uk/bitesize/examspecs/zy3ptyc>

Physics and maths tutor: <https://www.physicsandmathstutor.com/geography-revision/gcse-aqa/the-challenge-of-natural-hazards/>