

Geography A level: Summer work

Over the summer break you will need to complete the work below for both parts of the course.

You will begin the first term learning about:

- **Paper 1 Physical Geography:** Plate Tectonics
- **Paper 2 Human Geography:** Globalisation

We follow Edexcel A level exam board.

A list of useful websites have been provided to get you started

<https://geography-revision.co.uk/a-level/>

<https://studywise.co.uk/a-level-revision/geography/>

<https://www.physicsandmathstutor.com/geography-revision/a-level-edexcel/>

<https://geographyrevisionalevel.weebly.com/>

<http://www.coolgeography.co.uk/advanced/> (previous exam board materials- but they are great to dip into!)

<https://handygeography.wordpress.com/>

<https://www.tutor2u.net/geography/collections/a-level-geography-revision-quizzes>

<https://www.senecalearning.com/blog/a-level-geography-revision/>

Plate tectonics

TASK:

Research and prepare A level standard, effective revision notes on the following content in the table below.

Overview of the topic:

Tectonic hazards – earthquakes, volcanic eruptions and secondary hazards such as tsunamis – represent 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 in-depth 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.

EQ1: Why are some locations more at risk from tectonic hazards?	
Key Idea	Detailed content
1.1 The global distribution of tectonic hazards can be explained by plate boundary and other tectonic processes.	a. Describe and comment on the global distribution and causes of earthquakes, volcanic eruptions and tsunamis.
	b. Describe and explain the distribution of plate boundaries and contrast divergent, convergent and conservative plate movements (oceanic, continental and combined situations).

	c. Determine the causes of intra-plate earthquakes, and volcanoes associated with hotspots from mantle plumes.
1.2 There are Theoretical frameworks that attempt to explain plate movements.	a. Discuss the theory of plate tectonics (earth's internal structure, mantle convection, palaeomagnetism and sea floor spreading, subduction and slab pull).
	b. Explain the operation of these processes at different margins (destructive, constructive, collision and transform).
	c. Understand the physical processes impact on the magnitude and type of volcanic eruption, and earthquake magnitude and focal depth (Benioff zone).

*Research any earthquakes, tsunamis or eruptions that take place over the summer holidays

Globalisation

TASK:

Research and prepare A level standard, effective revision notes on the following content in the table below.

Overview of the topic:

Globalisation and global interdependence continue to accelerate, resulting in changing opportunities for businesses and people. Inequalities are caused within and between countries as shifts in patterns of wealth occur. Cultural impacts on the identity of communities increase as flows of ideas, people and goods take place. Recognising that both tensions in communities and pressures on environments are likely, will help players implement sustainable solutions.

EQ1: What are the causes of globalisation and why has it accelerated in recent decades?	
Key Idea	Detailed content
3.1 Globalisation is a long-standing process which has accelerated because of rapid developments in transport, communications and businesses.	a. Define globalisation to include widening and deepening global connections, interdependence and flows (commodities, capital, information, migrants and tourists).
	b. Explain how developments in transport and trade in the 19th century (railways, telegraph, steam-ships) accelerated in the 20th century (jet aircraft, containerisation), have contributed to a 'shrinking world'.
	c. Describe and explain the rapid development in ICT and mobile development in the 21st Century - lowering communication costs and contributing to time-space compression.

Steps to success:

- ✓ Make sure you have all your notes organised in a folder to bring to your first lesson
- ✓ Highlight all key words and supporting facts in 2 different colours
- ✓ Feel free to use flash cards/ spider diagrams and so on for your note taking
- ✓ Read widely around both topics and add any extra research you complete in your folder