**Geography A Level Taster Work**

The first two topics you will be taught in Year 12 will be Globalisation and Tectonics Processes and Hazards. The following tasks will be a useful introduction into both topics.

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| Title of Tasks | Purpose of Task: | Time to be taken | Outcome Expected |
| Task 1: Introduction to globalisation | To understand what globalisation is and some of the key components.  | 4 hours | 3-4 pages of notes |
| Task 2: Introduction to tectonic processes and hazards | To understand what tectonic processes are and why they occur. | 4 hours | 3-4 pages of notes |
| Task 3: Wider Research | Improve knowledge of globalisation and tectonics by looking at recent news stories and articles. | Open Ended | Keep a research journal.  |

**This work will be submitted on the first lesson back after the summer holidays.**

Please e-mail me if you have any questions.

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**Task 1: Introduction to Globalisation**

1. What is globalisation?

Answer the following questions using this link: <https://pmt.physicsandmathstutor.com/download/Geography/A-level/Notes/Edexcel/3-Globalisation/Detailed%20Notes%20-%20Globalisation%20-%20Edexcel%20Geography%20A-level.pdf>

1. Define the term ‘globalisation’.
2. What is meant by the term ‘economic globalisation’? Give examples.
3. What is meant by the term ‘political globalisation’? Give examples.
4. What is meant by the term ‘cultural globalisation’? Give examples.
5. What is meant by the term ‘social globalisation’? Give examples.
6. Explain how developments in transport have led to globalisation.
7. Explain how developments in technology have led to globalisation.
8. Key players involved in globalisation
9. Research the following intergovernmental organisations (IGOs). Make notes on when they were set up; what they do and their role in globalisation. Write at least 50 words for each IGO:
* World Bank
* International Monetary Fund (IMF)
* World Trade Organisation (WTO)
1. Transnational Corporations (TNCs)
* Define the term Transnational Corporation (TNC).
* Research and write about one TNC. Write approximately 250 words about the TNC, for example name the country with headquarters, places with factories, turnover
* What are the positives and negatives of TNCs?
1. Trade blocs.
* Define the term ‘trade bloc’.
* Research one trade bloc. Write approximately 250 words about the trade bloc, e.g. countries involved, aims, etc.
* What are the positives and negatives of trade blocs?

**Task 2: Introduction to Tectonic Processes and Hazards**

1. Structure of the Earth
* Find/draw a labelled cross section through the earth showing the different layers (lithosphere, asthenosphere, mantle, outer core and inner core)
* Describe the characteristics of the two types of crust: oceanic and continental
* Describe the characteristics of each of these layers, e.g. depth, composition and temperature
* Find/draw a diagram, and write a paragraph, to describe and explain how convection currents work.

2 Theory of plate tectonics

1. Plate tectonic theory
* Write about Alfred Wegener’s theory of continental drift.
* What was Pangaea?
* What evidence is there that continental drift takes place? Include at least 3 pieces of evidence.
* Describe what is meant by ‘plate tectonic theory’.
1. Sea floor spreading
* Find/draw a diagram showing the process of seafloor spreading.
* Describe the process of sea floor spreading.
* Provide five facts about the Mid-Atlantic Ridge
* If new crust is being formed, explain why the Earth is not expanding.
1. Paleomagnetism
* Find/draw a diagram to show the process of paleomagnetism.
* Why does paleomagnetism occur?
* How can paleomagnetism be used to date the age of the Earth’s crust?

3 Map of plates and plate margins

* Find/draw a map of plates and plate boundaries. Use a key to distinguish between the different plate boundaries
* Find/draw diagrams of the following types of plate boundaries. Also, describe and explain the processes that occur at each of them:
1. Convergent plate boundary
2. Divergent plate boundary
3. Transform plate boundary

**Task 3: Globalisation and Tectonic Processes and Hazards – wider reading**

Undertake wider reading/research of the two topics. Keep a record of research you undertake using the following table format:

|  |  |
| --- | --- |
| Resource: Web address or article title or podcast or YouTube clip, etc | 6 key bullet points to summarise article/podcast/video |
|  |  |

**Useful resources**

* <https://www.bbc.co.uk/>
* <https://www.independent.co.uk/>
* <https://www.theguardian.com/uk>
* Royal Geographical Society - <https://www.rgs.org/schools/teaching-resources/ask-the-expert-podcasts/>
* BBC business daily <https://www.bbc.co.uk/programmes/p002vsxs>
* The documentary podcast <https://www.bbc.co.uk/programmes/p02nq0lx/episodes/downloads>
* TED talks <https://podcasts.apple.com/gb/podcast/tedtalks-audio/id160904630?mt=2>
* BBC podcasts <https://www.bbc.co.uk/programmes/p002w557/episodes/downloads>

You may wish to start by looking at the following articles:

* New Zealand eruption: After White Island tragedy, how safe is volcano tourism?

<https://www.independent.co.uk/travel/news-and-advice/new-zealand-volcano-eruption-white-island-safe-travel-advice-warning-a9238981.html>

* Geoengineering: Sci-fi ways scientists could mimic volcanic eruptions to help avert climate disaster

<https://www.independent.co.uk/environment/geoengineering-climate-change-srm-sulphur-scientists-a9123891.html>

* Fast fashion speeding toward environmental disaster, report warns <https://www.theguardian.com/fashion/2020/apr/07/fast-fashion-speeding-toward-environmental-disaster-report-warns>
* Will coronavirus reverse globalisation? <https://www.bbc.co.uk/news/business-52104978>