

Year 11 Summer Assignment- 2020

As part of your A-Level Geography course, you will study-

- Water & Carbon Cycles
- Hazards
- Changing Places
- Coastal Landscapes
- Global Systems & Governance
- Contemporary Urban Environments

Independent research is a crucial part of A-Level Geography. Research and note-taking skills will play an important role in your success and it is therefore vital that these skills are practised.

As part of your summer assignment, you will need to research and take notes on the topics below. The 'Time to Complete' column is for guidance only, please take more time to complete and undertake further research if you need to. All of this work will help you in A Level Geography.

Topic 1- Water & Carbon Cycles

	Details	How should it be presented?	Time to complete
Task 1	Systems in physical geography- what are they? What are some of the examples?	Handwritten or typed, poster style, include relevant diagrams/pictures	1-2 hours
Task 2	Major stores of water- lithosphere, hydrosphere, cryosphere and atmosphere- what do each of these mean? What happens in each store (processes)	Handwritten or typed, poster style, include relevant diagrams/pictures	1-2 hours
Task 3	Carry out some research into a case study of a tropical rainforest. You will need to find out- <ul style="list-style-type: none">- How the water cycle operates in the TRF?- How the carbon cycle operates in the TRF?- How are the water and carbon cycles linked in the TRF?- What human activity is taking place in the TRF?- How does human activity effect the water and carbon cycles in the TRF?	Handwritten or typed, poster style, include relevant diagrams/pictures	3-4 hours
Help	Task 2 Help- Use the following as a starting point- https://www.tutor2u.net/geography/reference/water-stores-and-cycles		

Topic 2- Hazards

	Details	How should it be presented?	Time to complete
Task 1	What are natural hazards? - geophysical, atmospheric and hydrological- Research and take notes on each, think about examples of places that experience them, include photographs	Handwritten or typed, poster style, include relevant diagrams/pictures	1-2 hours
Task 2	Destructive, constructive and conservative plate margins- What movement happens? Case study examples? Other details?	Handwritten or typed, poster style, include relevant diagrams/pictures	1-2 hours
Task 3	<p>Carry out some research into a multi-hazardous location (outside of the UK). This is a small-scale research project and should be something you add to over the course of a couple of weeks.</p> <p>For the location, you will need to find out the following-</p> <ul style="list-style-type: none"> - Map of place/country and location description - Explanation of the types of hazards present - Details on the hazard events e.g. Case studies of events that have happened there e.g. earthquake event, hurricane event etc. - Explanation about how humans living there have adapted, mitigated and managed the hazards 	<p>There are a range of ways this work can be completed but you <u>must</u> have it in a format that can be hole punched and added to your A Level notes (Word Document). You can hand write or word process. Don't forget to include maps, diagrams and photos.</p> <p>In addition to your folder notes, you <u>could</u> then choose to use this as a basis for making a large poster of you work (this can be used as a display in the Geography department). There may be a prize for the best poster presentation.</p>	5-6 hours
Task 4	<p>Watch the following-</p> <p>10 things you didn't know about Earthquakes documentary and take notes</p> <p>https://www.youtube.com/watch?v=llXJkf3xYA8</p>	Written document	1 hour

Task 5	Watch the following- Volcano live documentary and take notes https://www.youtube.com/watch?v=bIDXgde1Tpg&t=927s	Written document	1 hour
Help	Task 2 Help- Use the following as a starting point- https://www.geolsoc.org.uk/Plate-Tectonics/Chap3-Plate-Margins/Divergent Task 3 Help- <u>Stuck for a country?</u> <ul style="list-style-type: none"> - Haiti - Japan 		