

Geography Pre A-Level Work

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Whether or not you are sure about carrying on with geography, read through this document to keep you engaged with our ever-changing world and to deepen your understanding about people and the environment.

Geography opens a world to you and gives you the chance to go down many different routes. To begin with, A-level geography is a facilitating subject which will allow you to access the top universities, as you will be studying a combination of the physical world, social sciences, economics, data skills and apply all of these to the real world. It therefore compliments many different subjects at A-Level. Geography has the perfect combination of topics that will set you above others, so you will have a greater understanding of our world.

3 reasons why employers prefer people who have studied A-level geography:

1. Geographers can deal with data and people.
2. Geographers can critically analyse and have extended writing skills.
3. Geographers can keep up with the changes happening in the world.

5 reasons to choose A-level geography:

1. It opens your mind to different places around the world.
2. It can help you get into any degree at university, whether or not it is geography.
3. It can help you access a wide range of jobs.
4. It can help you access higher paying jobs in the future.
5. You will be rewarded by broadening your mind and enhancing your CV.

What jobs could A-level geography lead to? (just to name a few)

- Policy in government
- Town planning
- Natural hazard management in UK and worldwide
- Climate change specialist
- Public communications
- Social development in the UK
- Economic development worldwide
- Air pollution specialist
- Energy resources management
- Mapping specialist (e.g. Google Maps)
- Weather presenter
- Tourism consultant
- Broadcaster
- Accountant (companies prefer students with geography, not maths!)
- Fundraising officer for numerous charities
- Working for the United Nations
- Working for the Armed Forces

Don't want to forget what you have learnt already?

Tips to stay engaged with geography:

1. Here are knowledge booster videos for A-Level students created by universities that you can watch: <https://timeforgeography.co.uk>
2. Watch BBC News and read newspapers online, e.g. The Guardian and create a news diary by keeping in mind the key geographical factors: social, economic, environmental and political (cause, impact, response)
3. Listen to geographical podcasts and summarise each podcast into 3 key sentences and 3 further questions you have.
 - <https://www.bbc.co.uk/programmes/b006r4wn/episodes/player>
 - <https://soundcloud.com/rgsibg>
 - <https://eternalexploration.wordpress.com/2016/01/04/top-10-podcasts-for-geography-students/>
4. Read 'Prisoners of Geography' by Tim Marshall (https://www.amazon.co.uk/Prisoners-Geography-Everything-Global-Politics/dp/1783962437/ref=sr_1_1?dchild=1&keywords=Prisoners+of+Geography&qid=1584880047&smid=A1G3UP32AZJ14F&sr=8-1)
5. Subscribe to the Geographical Magazine <https://geographical.co.uk/magazine>

Geographical documentaries you can watch:

There are some great geographical documentaries which will help develop your general geographical knowledge and understanding and help you see what an amazing world we live in.

The following are all available online:

- **David Attenborough Box Sets** - there are 9 amazing boxsets available on iplayer from David Attenborough exploring our amazing world. <https://www.bbc.co.uk/iplayer/group/p06m42d9>
- **The Americas with Simon Reeve** - <https://www.bbc.co.uk/iplayer/episodes/m00095p0/the-americas-with-simon-reeve>
- **Simon Reeve around the World** - <https://www.bbc.co.uk/iplayer/group/p06rrnkm>
- **Race across the World** - <https://www.bbc.co.uk/iplayer/episode/m000g6nt/race-across-the-world-series-2-episode-1>
- **Andrew Marrs Megacities** - <https://www.bbc.co.uk/programmes/b011qmcl/episodes/guide>
- **Trumps War on the Border** - <https://www.channel4.com/programmes/trumps-war-on-the-border>

The 4 core topics you will study at A-Level are below:

Core topic	Notes to read	Content	Key questions
Water and carbon cycles: https://www.geography.org.uk/Water-and-carbon-cycles	https://pmt.physicsandmathstutor.com/download/Geography/A-level/Notes/AQA/Water-and-Carbon-Cycles/Detailed%20Notes%20-%20Water%20and%20Carbon%20Cycles%20-%20AQA%20Geography%20A-level.pdf	This topic is required to understand the integrated nature of land, earth and atmosphere.	Where is carbon stored? Where is water stored? What factors cause the carbon and water cycles change?
Global systems and governance: https://www.geography.org.uk/Global-systems-and-global-governance-	https://pmt.physicsandmathstutor.com/download/Geography/A-level/Notes/AQA/Global-Systems-and-Global-Governance/Detailed%20Notes%20-%20Global%20Systems%20and%20Governance%20-%20AQA%20Geography%20A-level.pdf	This topic is about the connectivity between people, place and environment with movement of people, goods, technology and ideas.	How do political systems make the world we live in? How do economic systems make the world we live in? How do cultural systems make the world we live in?
Changing places: https://www.geography.org.uk/Changing-place-changing-places--	https://pmt.physicsandmathstutor.com/download/Geography/A-level/Notes/AQA/Changing-Places/Detailed%20Notes%20-%20Changing%20Places%20-%20AQA%20Geography%20A-level.pdf	This topic is the theoretical basis to understand what gives a place identity. You will study the difference between a local and a faraway place.	How do people define a place? How does the process of information flow define a place? How does the investment of capital define a place? How can place be perceived differently depending on age, gender, sexuality or class?
Contemporary Urban Environments https://www.geography.org.uk/teaching-resources/videos/urbanisation	https://www.physicsandmathstutor.com/geography-revision/a-level-aqa/contemporary-urban-environments/ http://www.coolgeography.co.uk/advanced/contemporary_urban_Revision.php	The topic is based around urban areas, their design, issues and solutions to any problems.	What is urbanisation? What are the different urban forms? How do urban climates vary? How are water and waste managed in urban areas? How can urban areas be made sustainable?

These are 3 optional topics your A-Level teacher may choose to cover:

Hazards:

<https://pmt.physicsandmathstutor.com/download/Geography/A-level/Notes/AQA/Hazards/Detailed%20Notes%20-%20Hazards%20-%20AQA%20Geography%20A-level.pdf>

Coastal systems:

<https://pmt.physicsandmathstutor.com/download/Geography/A-level/Notes/AQA/Coastal-Systems-and-Landscapes/Detailed%20Notes%20-%20Coastal%20Systems%20and%20Landscapes%20-%20AQA%20Geography%20A-level.pdf>

Resource security:

<https://pmt.physicsandmathstutor.com/download/Geography/A-level/Notes/AQA/Resource-Security/Detailed%20Notes%20-%20Resource%20Security%20-%20AQA%20Geography%20A-level.pdf>

How many tasks below can you complete?

All students must complete task A.

You will be required to submit a minimum of 6 more tasks by Friday 10th July for feedback during the first lesson in year 12. Please choose 3 green and 3 blue to give you a balance of human and physical Geography. I will send a weekly reminder and you should aim to complete one task per week please.

A In 300 words, explain what 'geography' means to you.	B Watch one documentary on Climate Change - Create 20 questions that people could answer if they were to watch the documentary. (Water and Carbon)	C Read ' China's Role in Africa in the Mineral Trade ' - Can you categorise their role into positives and negatives for China? Can you consider what might be the issue for Africa? (Resource Security)
D Read ' Changing Cities ' - produce a case study summary on one of the cities mentioned. (Changing Places)	E Create a personal geography map of your own area - include photographs (from your daily walk), personal reflections and places of importance to you. (Changing Places)	F Research and produce a mind map of the multi- hazardous area of Haiti. (Hazards)
G Read the Antarctica Case Study . Write a letter to the government to explain the importance of both looking after Antarctica and using it as a Global Commons. (Global Governance)	H Read the Geofile ' Coastal Systems, waves, sediments and cells ' and condense the information into one page of notes. (Coasts)	I It is the responsibility of HICs to manage the global impacts of climate change. To what extent do you agree? Include examples in your answer. (Hazards)
J Read this case study about Stratford's redevelopment. In no more than 500 words, discuss whether the redevelopment of Stratford has been sustainably effective.	K Read this article about the issues of carbon in the Amazon. In no more than 500 words, discuss the issues surrounding deforestation in the Amazon rainforest.	L Investigate a recent (last 10 years) coastal management scheme, and create a 2 page fact file, including photo, about the planning and success of the coastal defences. Location maps, photos, local opinions etc.

Want to go above and beyond?

Enter the Royal Geographical Society's "Geographer of the Year" Competition:

<https://www.rgs.org/schools/competitions/young-geographer-of-the-year/2020-competition/>

This year's theme is: 'The world beyond my window'