

A LEVEL GEOGRAPHY

SUMMER RESEARCH

1. What is the Earth's population predicted to be by 2100?
2. What stage of the DTM is the country of Chad in?
3. Why are countries worried about reaching stage 5 of the DTM?
4. Why are there different predictions for the total of the world population in 2100
5. Watch the following and do some quick research....
<https://www.dailymotion.com/video/x7fm94w>
Where is the best place to be during an earthquake?
6. Find out why your parents/guardians chose to live where they do
7. Using the 'HDI', which is the poorest country in the world?
8. What exactly does the HDI measure?
9. Think of 3 reasons why some countries are more developed than others
10. Apart from the factors in the HDI, think of another way of measuring development. Briefly say why you think that this is important.
11. Which is the most globalised country in the world?
12. .Which is the world's biggest company by 'turnover'?
13. Which company is the world's largest employer?
14. What is meant by 'economies of scale'?
15. Think of two positive and two negative outcomes of globalisation



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16. What is the Brundtland Report's definition of 'Sustainable Development'? (really, really useful to remember)
17. How much CO₂ is currently in the atmosphere (parts per million)? Again, really useful
18. This is the highest for how many years? (hard)
19. Read the following article: <https://www.theguardian.com/environment/2012/feb/27/climate-change-adaptation> which do you think is best – adaptation or resilience? Be prepared to justify your answer.
20. Rank the following types of energy in terms of environmental sustainability
 - Natural gas
 - Hydro-electric power
 - Coal
 - Nuclear power
21. Look at the following site: <https://www.globalenergyinstitute.org/international-energy-security-risk-index> Why might energy security be important?
22. Find one place on earth which has had to be creative about how it supplies water – what do they do?
23. Name one country affected by El Nino and La Nina weather patterns
24. Name one meteorological hazard that might be caused by El Nino?
25. How is a refugee different from a 'normal' (economic) migrant?
26. Do a Google Image search relating to migrants/asylum seekers in UK for the Daily Mail or Daily Express. Do you think they are a fair representation?
27. Think of 2 reasons that in-migrants may be positive for the UK
28. Visit the Pearson/Edexcel exam board website for Geography A Level

https://qualifications.pearson.com/content/dam/pdf/A%20Level/Geography/2016/teaching-and-learning-materials/V417_Edexcel_Alevel_geog.pdf

Look at page 7

- How many exams are there?
- Name one optional topic
- What proportion of the overall A' Level is coursework?

Take 10 minutes to choose one image which you think best sums up the subject of Geography

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REALLY HARD QUESTIONS TO GET YOU THINKING.... (you don't need to answer these)

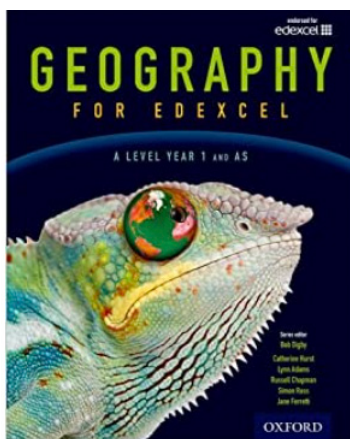
1. Is it possible to have 'energy security' and look after the environment?
2. Do the benefits of globalisation outweigh the costs?
3. Is it possible to use technology to address the world's climate challenges?
4. Is it possible to live in a world without borders?
5. Do you need nuclear missiles to be a superpower?
6. Do the wealthiest countries always deal with hazards (like Covid-19) the best?
7. Do other countries always have to lose out in order for countries like the USA to prosper?

IF YOU ARE NOT SURE ABOUT GEOGRAPHY A LEVEL YOU COULD ALSO READ:

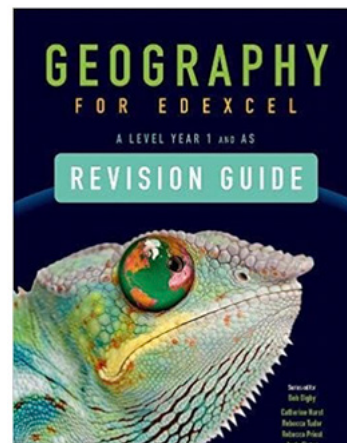
Sales pitches from the Royal Geographical Society and the Guardian newspaper...

<https://www.rgs.org/CMSPages/GetFile.aspx?nodeguid=b3ed76e0-8abc-4968-a98f-dca3c1f15620&lang=en-GB>

<https://www.theguardian.com/commentisfree/2015/aug/13/the-guardian-view-on-geography-its-the-must-have-a-level>



All students will receive the book on the left and an A2 book to borrow for the duration of the course.



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RESOURCES

GENERAL:

Seneca teaching/revision website:

<https://www.senecalearning.com/blog/free-edexcel-a-level-geography-revision/>
(<https://app.senecalearning.com/classroom/course/e863f76a-c037-441e-b405-96c1e8649284>)

Guardian interactive guides: <https://www.theguardian.com/interactive>

HAZARDS:

Earthquake damage – Japanese Tsunami: 2011 <https://www.abc.net.au/news/specials/japan-quake-2011/>

The earthquakes of Japan in 2011: <https://www.youtube.com/watch?v=NSBjEvPH2j4>

bbc.co.uk/news/av/world-asia-pacific-12714255/japan-earthquake-how-the-japan-tsunami-unfolded

COUNTRIES/DEVELOPMENT/SUPERPOWERS:

China: <https://www.youtube.com/watch?v=GiBF6v5UAAE>

Conflict in Yemen: <https://www.aljazeera.com/programmes/start-here/2019/10/yemen-war-191031103012254.html>

GLOBALISATION:

Where everything can be bought: <https://www.youtube.com/watch?v=RDd10-poMm8>

The impacts of throw away culture: <https://www.youtube.com/watch?v=eD6inQ-z3O8>

Globalisation and the fashion industry: <https://www.youtube.com/watch?v=8l-xXEIC7iw>

The life-cycle of a T-shirt https://www.youtube.com/watch?v=BiSYoeqb_VY

Have we reached peak globalisation?

<https://www.theguardian.com/commentisfree/2020/mar/08/the-coronavirus-outbreak-shows-us-that-no-one-can-take-on-this-enemy-alone>

DEVELOPMENT:

The magic washing machine: https://www.ted.com/talks/hans_rosling_the_magic_washing_machine?language=en

The importance of female education: https://www.youtube.com/watch?time_continue=126&v=dIcDO29walk

HUMAN RIGHTS:

Chinese Uighurs: <https://www.youtube.com/watch?v=bDGD896WOPc>

And this one: <https://www.bbc.co.uk/iplayer/episode/m000bt17/panorama-how-to-brainwash-a-million-people>

POLLUTION:

Can we get plastic out of our oceans? <https://www.youtube.com/watch?v=O1EAeNdTFHU>

If you would like more information please the course leader: Richard Brayshaw rbrayshaw@halesowen.ac.uk