

Useful preparation work for Year 11 into 12

- 1) Look at the **Seneca** learning course for Edexcel A level Geography
 - 2) Look at **Physics and Maths tutor** resources for key ideas and pre-learning vocabulary:
<https://www.physicsandmathstutor.com/geography-revision/a-level-edexcel/>
 - 3) Follow the different elements of the **Covid 19 story and make links with Geography** – A structure for this has been added by Mr Eynon on Page 2.
 - 4) Focus on revising and improving elements of **Physical Geography**, especially rivers, coasts, climate by going back over GCSE Seneca and BBC Bitesize revision - use the two sites above to start "upgrading" to A level
 - 6) Try watching some relevant **film and documentary content** that can help with your course. The following have been recommended but we haven't seen all of them. The iPlayer has lots of David Attenborough – the climate change documentary you should have seen recently is essential viewing: <https://www.bbc.co.uk/iplayer/episode/m00049b1/climate-change-the-facts>. The Blue Planet 2 series is all good, but especially episode 7: All box sets are here: <https://www.bbc.co.uk/iplayer/group/p06m42d9>
- Netflix** has various series which we haven't seen and can't recommend directly but a little research should take you to relevant material!
- 7) Attempt the **induction tasks** set by Mrs Kain
 - 8) Have a look through the reading and watching list but please read the bold paragraph at the beginning!

Geography, Covid 19 and **Globalisation***, **Superpowers**** and **Health Human Rights and Intervention*****

***Each of these three topics are titles of sections of the A level Human Geography. The current crisis is, however terrible, an opportunity for a real insight into several sections of the A level course.

Introduction to globalisation and pandemics

1. What does “globalisation” mean?
2. What are the causes of globalisation?
3. Which countries are the most globalised and why?
4. What is a pandemic and why has it happened now?

Mapping Covid 19 & understanding trends

1. Where and when did the Pandemic spread?
2. What are the global trends & why do they differ?
3. What evidence can you find that shows that the virus has had different impacts in different places?
4. Can you find any explanations as to why this is the case?

Who is responsible for managing the Covid 19 response?

1. What different global organisations are involved?
2. Can you find examples of countries working together?
3. Can you find examples where the relationships between countries appears to be preventing an effective response?

Exploring the impacts

Why not look at two different countries as Case Studies that have had contrasting experiences of Covid 19

1. Pick an enquiry question
2. Think about how you will structure your investigation
3. Research the impacts of Covid 19
4. Try to explain the differences in the two examples

Mrs Kain's Preparation Tasks

a) One thing that it is really important to do before you begin a more advanced course is to make sure that you have the basics sorted out. If you do that you will have a solid foundation to build on. With English for example it would be things like spelling and grammar, skills which of course are transferable to any subject involving extended writing.

When it comes to Geography – physical geography especially – one of the useful basics is a bit of geology for that underpins an understanding of the landscape and its formation. This is something that is good for us to work on together early on in the A Level course – and that is what tends to happen.

SO this year, in these rather different circumstances, I thought it would be a very useful as an Induction Task and would enable us to get a flying start when we begin lessons in the usual way. There is quite a lot of information involved in this but do not worry, you will not have to learn it all nor will you be tested on it specifically but it needs to be something that you are familiar with and that you can drop into written work to show that you are a well rounded Geographer with a sound background knowledge. In essay writing terms, including exam answers, it will give a positive impression to the marker and may even help boost your score. And also I think it is all interesting stuff – and I hope you do too!

THE TASK; **Below I have listed 7 geology related research topics which I think are the most useful. Your job is to choose 3 from the list.** (please choose on the basis of interest and **randomly**- the latter is important as it will not be very useful if you all do the same. Make sure that you do not start at the top and work down!)

FOR EACH ---

*** In as much detail as you can prepare **either** a POWER POINT presentation **or** a WORD document that you can project to show us all.

*** Please include as much visual material as you can, especially video clips, specimens if you have any and if relevant, maps, photos.....

*** It is important that you can produce a paper copy of what you have done so that we can maybe annotate it in class and so that you will have it (together with other people's work) in your folder for the record. We will not be able to have everything presented but we will negotiate a representative sample!

THE TOPICS----- in no particular order

5. THE GEOLOGICAL TIME SCALE – Starting with the Earth's origin to the present day. Including the Periods and what happened during each, how are they divided...
6. FOSSILS AND THE FOSSIL RECORD --- Include examples, how are they useful?...
7. ROCKS AND MINERALS.....Incl different groups, how they can help reconstruct the past, use/economic importance...
8. THE ICE AGE (The Pleistocene) what caused it, how did it affect Britain. Glacial processes and landscape features.
9. LIMESTONE SCENERY—processes and features giving examples.
10. VOLCANICS IN THE BRITISH GEOLOGICAL HISTORY – including Dartmoor, Snowdon and our local volcanics. Look up The Exeter Traps for example and there is an old volcano in the middle of Exeter..... find out more!
11. JURASSIC COAST GEOLOGY---- including why it is so special to be chosen...

GOOD LUCK ! I look forward to seeing what you can produce.

Job 2

IN THE NEWS.

Keeping up with what is going on in the world is a very important part of Geography for after all it is Geography in action. So, our aim is to get you to a stage (if you are not there already!) where you do not switch off - physically or mentally - when the news comes on in its various forms. Work on this and you will be well on the way to being a good and interesting Geographer.

We have a bit of a problem this year as the news tends to be focused on one topic but as you can see from Mr Eynon's work above even this opens up lots of possibilities.

I thought that for my section of the course it would be very useful for you to do some research on this;

WHAT IS THE IMPACT OF THE CORONA PANDEMIC ON CLIMATE CHANGE AND CLIMATE CHANGE POLICY THROUGHOUT THE WORLD?

Some things to think about here are.... what is the connection between the virus and climate change? What are the policies and targets so far (there are loads of them!). Short and long term impacts, attitudes of various groups, our living habits- will they have changed? And anything else that crops up.

If you can as well bring along to class 3 facts and/or figures that you find interesting, relevant, significant to share with us all that would be excellent.

Video clips would be good too. Do keep a record of any you find that are useful.

Again, I look forward to an interesting session seeing what you have found on all this.

Do keep safe,

Mrs Kain

Geography A-Level (Edexcel) Reading and Link list

Please note that this is a huge list and there is no expectation that you will have done all of this before starting the course. However, if it gives you some options of reading, documentaries to watch that get you ahead of the game, then what harm can it be? Anything you do is a bonus!

Reading/Watching List - 2020/2021

Task Outline - For each article; photo; clip or documentary you must complete the following:

- A. Complete a glossary with definitions.
- B. Summarize the resource in less than 100 words (try to include your whole glossary).
- C. Complete a flashcard that represents this learning (these will be used next year, so they are an investment).
- D. Optional - Create and answer an exam question for this resource.

Topic 1 - Tectonic Processes and Hazards:

Enquiry Question 1 - Why are some locations more at risk from tectonic hazards?

1. Clip - The evolution of Plate tectonic theory

<https://www.youtube.com/watch?v=zbtAXW-2nz0>

2. Article - Under pressure: Why do we get earthquakes in Britain?

<https://docs.google.com/document/d/1h2Vq-nT6VglxrG5tNgq6-NY0GxJhguzLKyo6jRcPgFo/edit?usp=sharing>

3. Topic 1: What kinds of hazards are associated with volcanic eruptions?

<https://docs.google.com/document/d/1x5fuY2YHr-J5ISzjleD8doysRMZV0TWI9c6pNGIW3-8/edit?usp=sharing>

4. Clip - How do tsunamis form?

<https://www.youtube.com/watch?v=Wx9vPv-T51I>

Enquiry question 2 - Why do some tectonic hazards develop into disasters.

1. Article - How prepared is Tokyo for a giant earthquake that could kill 10,000 people and destroy 300,000 buildings?

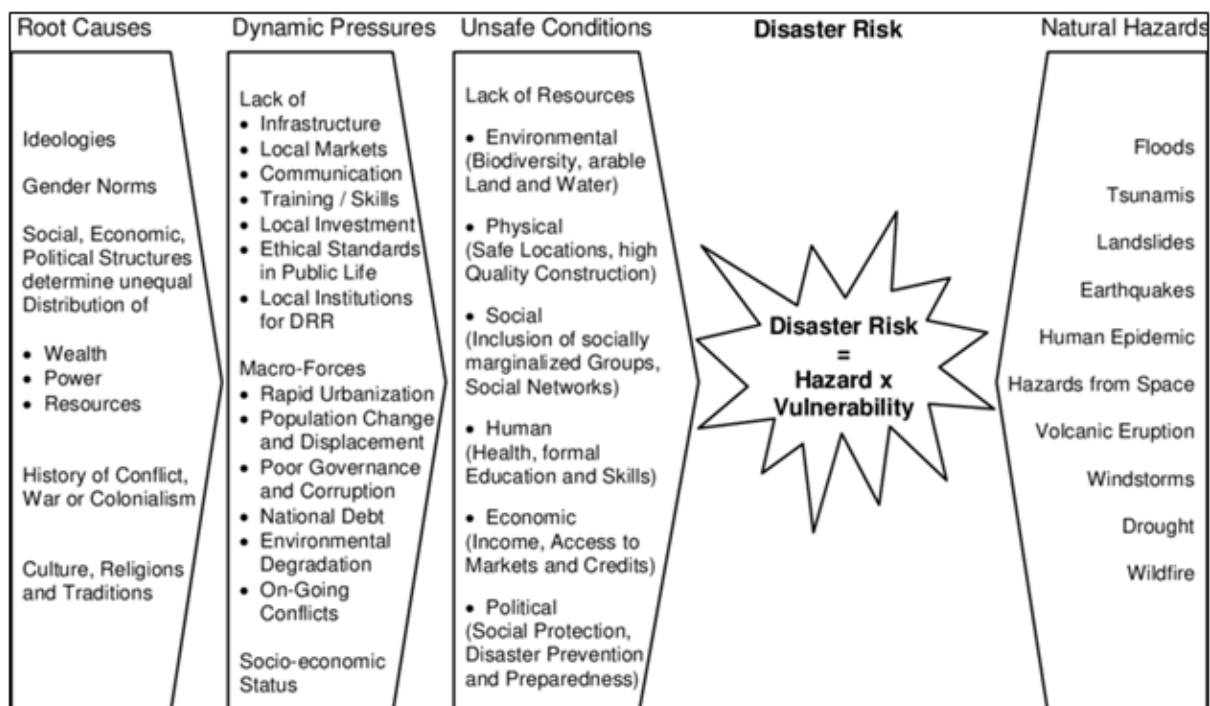
https://docs.google.com/document/d/1z5Rep21OvZ7JqavoGI_1-a0Efvi9ODo-ed4Ri08ebs8/edit?usp=sharing

2. Documentary - Tsunami caught on camera Japan

https://www.youtube.com/watch?v=oArd_9uZOnE

3. Documentary - Tsunami caught on camera Japan

<https://www.youtube.com/watch?v=llSqzpsuq7c>



Using the above Pressure and Release model (PAR), create your own version for each Tsunami (I would suggest creating a table to do this).

Enquiry Question 3: How successful is the management of tectonic hazards and disasters?

1. Article Case study: eruption in a developed country - Eyjafjallajökull

<https://docs.google.com/document/d/1MBLdQaxUguQXOe-kyoGmTmdBsb4hJnKP0sR2ZSRIDX4/edit?usp=sharing>

2. Video - Eyafjallajokull (Iceland) Case study

https://timeforgeography.co.uk/videos_list/plate-tectonics/eyjafjallajokull-case-study/

You only need to do the tasks for this once.

3. Article - The Park model is also known as the disaster response curve

<https://docs.google.com/document/d/1-nGs9hKDZkZhaBGC66Usu4w9ujdA6-5Bqw1D15TUERE/edit?usp=sharing>

4. PowerPoint - Strategies to modify a tectonic event.

[Land-use planning and volcanic hazards - New Zealand](#)

Topic 3: Globalisation

Enquiry Question 1: What are the causes of globalisation and why has it accelerated in recent decades?

1. Video: What is Globalization?

<https://www.youtube.com/watch?v=JJ0nFD19eT8>

2. Article: TNC's Digital Fight for India.

<https://docs.google.com/document/d/1ktNxrlj4vee7lsHnEkv0lxgrgoJwLEO9vT-WR4VEj58/edit#>

3. Video: How did the EU form and why does it represent globalisation?

Watch both...

https://www.youtube.com/watch?v=GfN05WB_rYw

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

4. Video How did The Chinese Government use globalisation to develop?

<https://www.youtube.com/watch?v=kdSLPUh45wY>

5. Video: Why are some countries less connected (globalized than others)?

https://www.ted.com/talks/william_kamkwamba_how_i_harnessed_the_wind?language=en

Enquiry question 2: What are the impacts of globalisation for countries, different groups of people and culture and the physical environment?

1. Video: What are the socio-economic impacts of manufacturing on Asia?

<https://www.youtube.com/watch?v=eLmalbb13GM>

Additional Doc - Very Good - <https://www.youtube.com/watch?v=SGJ5cZnoodY>

2. How can developing countries often suffer from globalised consumption and waste production?

<https://www.youtube.com/watch?v=aDjDGrrDD7o>

3. Film: How can deindustrialised witness social and environmental problems of economic restructuring?

<https://www.youtube.com/watch?v=R2ymbEWgWXA>

4. Article: What is elite migration and why are so many elite Russians drawn to London?

<https://docs.google.com/document/d/1AwPPXGhLZUxgevFcfaFygUaRsyEQo47CIL2a8vRvH5M/edit?usp=sharing>

5. Article: What are the dangers of mass low paid migration? (Indonesia to Saudi Arabia)

<https://docs.google.com/document/d/1xua4DMNZkbomUERZJYdWAKVWzozCCuHTQ0lh9uDHzYA/edit?usp=sharing>

6. Video: How is western culture growing in influence across the world?

<https://www.pbs.org/newshour/show/why-china-s-youth-find-western-culture-attractive>

8. Photo: How can globalisation often erode non-western cultures?



Enquiry question 3: What are the consequences of globalisation for global development and the physical environment and how should different players respond?

1. Photo: How has globalisation helped to create winners and losers in terms of development (quality of life)?



2. Article - Why has the far-right seen a resurgence in the UK?

https://docs.google.com/document/d/1GAdRMqyAt_RHsNn2rchJNbpC2z0mp89er1p6aYXxGYs/edit?usp=sharing

3. Article: What is trade protectionism and how has Donal Trump used it in China?

https://docs.google.com/document/d/1Lkxy4ygi_8E0fDkJFNdl3PAmCuu0guPMPeljsbsKTe8/edit?usp=sharing

4. Video: How is the UK trying to control the level of immigration?

<https://www.youtube.com/watch?v=AmcbWU8Du7A>

5. Video: What is a transition town and how has Totnes become sustainable?

<https://www.theguardian.com/environment/video/2011/jun/17/transition-town-totnes-ashden-award-video>

6. Video - How can areas reduce their ecological footprint?

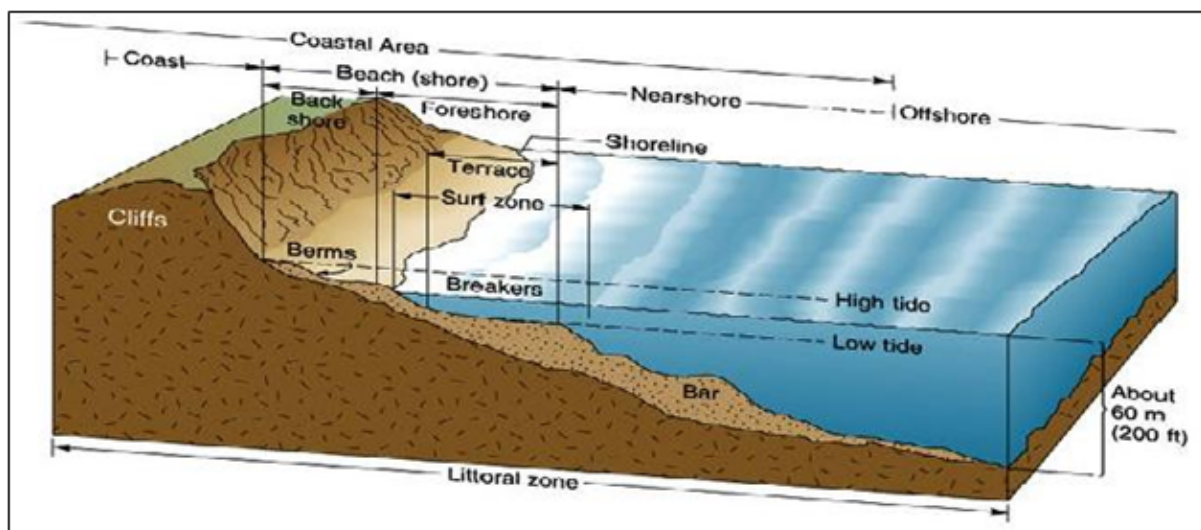
<https://www.youtube.com/watch?v=OS9uhASKyjA>

Topic 2: Landscape systems, Processes and Change.

2B: Coastal Landscapes and Change.

Enquiry question 1: Why are coastal landscapes different and what processes cause these differences?

1. Photo - Littoral Zone



2. Photo - Concordant and Discordant Coastlines.

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3. Article - The creation of complex cliff profiles

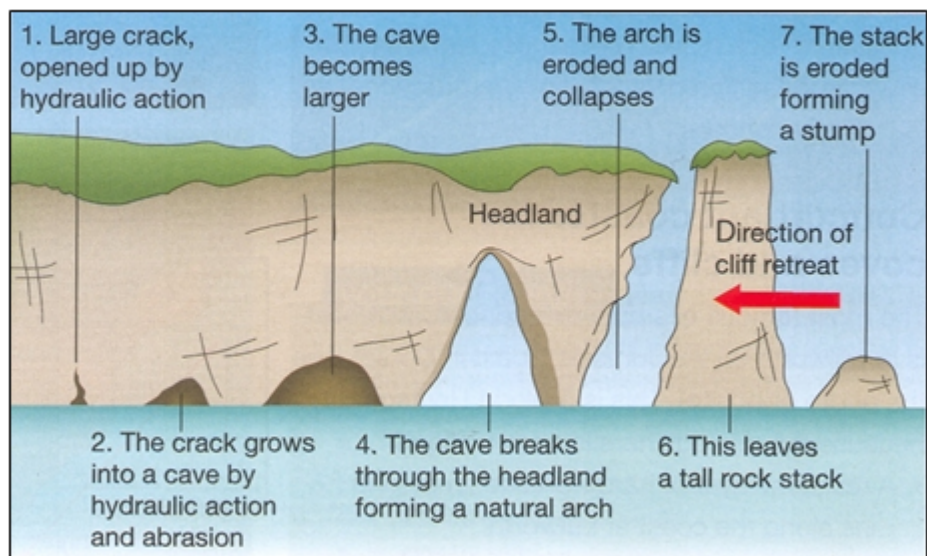
<https://geographyas.info/coasts/coastal-erosion/>

4. Video - Sand Dune Succession

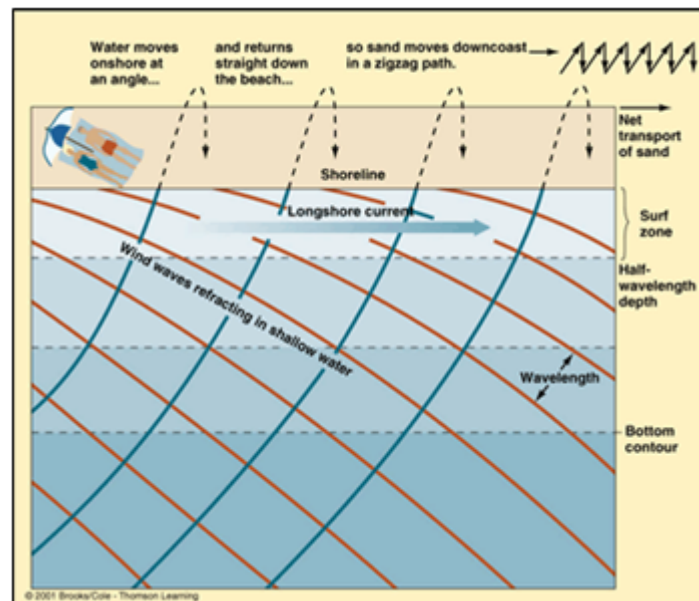
https://timeforgeography.co.uk/videos_list/coasts/formation-sand-dunes/

Enquiry question2 : How do characteristic coastal landforms contribute to coastal landscapes?

1. Photo - The Breakdown of a headland.



2. Photo - Long Shore Drift.



3. Article - Sediment Cells

https://docs.google.com/document/d/1InIlzngjo_7ElcE2GGBr7dxDsx1M7roWkRqh4TuzpVQ/edit?usp=sharing

4. Article - Mass movement and landscape formation.

<https://www.internetgeography.net/topics/what-is-mass-movement/>