

Instruction for Week Beginning 11.05.2020

All of the PPTs and resources are on the shared area

WORK FOR MISS BATES

Lesson One – Anti Globalisation

Read the information on the PP and make notes for your folder, ensure that the notes are detailed

Watch the videos that are linked to the PP and make notes on them as well

This lesson is more about absorbing and understanding the information, there is one opinion based question, this needs to be completed.

There will be follow research based on this lesson.

Homework – Access Teams

Complete the three questions on teams and submit for feedback on **Wednesday 13th May 2020:**

- Summaries the key features of the Antarctic Treaty System (ATS) (6 marks)
- Comment on the role of NGOs in the protection of Antarctica and the surrounding ocean. (9 marks)
- 'The protection of Antarctica is a responsibility for the whole world' To what extent do you agree with this view? (20 marks)

WORK FOR MRS O'NEIL

As a quick overview of where you are at...

- Seneca – Thank you for completing the assignments. I have set the following to be completed for Friday by 3:15pm:
 - o 'Glacial processes' and 'Glacial landforms' for two of you, one to raise your score for specific sections on glacial movement and erosion processes and one to complete it (a gentle reminder)
 - o 'Fluvioglacial landforms' for all of you as a recap of prior learning. There will be some extra nuggets of knowledge for you to add to your notes e.g. different types of eskers.
- Work incomplete – I will email individuals as a gentle reminder.
- Work for this week – I have lost track of which week we would be on so I am going to set 2 lessons every week. Some lessons will be meatier than others to take into account the third lesson and homework. For this week, the second lesson is the meatier one. There is no work for you to email this week but it is important for you to complete to ensure you have comprehensive notes to revise from for your A level.

Lesson 17: Case study – Contrasting glaciated landscape from beyond the UK.

So far, you have 3 case studies: Glacier advance: Karakoram, Glacier retreat: Mer de Glace and Glaciated environment in the UK: Snowdonia, North Wales (Nant Francon Valley and Caddair Idris)

On the OneNote page 'Lesson 17 Resources', there is a case study sheet for each of the above along with the Hubbard Glacier (glacial advance) and the Athabasca Glacier (glacial retreat) for wider reading.

Activities for this lesson:

1. Self-assess your answers for the Cadair Idris case study. Use the Cadair Idris case study sheet to self-assess your case study from last lesson.
2. Use the Cadair Idris case study as a model, write your own case study for the Franz Joseph glacier in New Zealand. This will be your contrasting landscape from beyond the UK.
3. L17 Application for those who have not completed and emailed it to me.

Lesson 18: Human Impacts on Cold Environments

During this session, you will develop your knowledge of why cold environments are fragile, the human and physical challenges of developing cold environments, and the impact of climate change on cold environments.

Read pages 166-170 of the AQA text book (see OneNote page '1.3 Textbooks') and answer the following questions 1-5:

1. What makes cold environments fragile?
2. How does the climate in cold environments limit species biodiversity and the number of species? Expand your knowledge by researching how plants and animals are adapted to cold environments of alpine, taiga and tundra areas, a useful website is <https://www.blueplanetbiomes.org> Display your research in a table format.
3. a) What are the physical barriers to developing cold environments?
b) What are the human barriers to developing cold environments?
4. a) Look at the next slide, identify the human activities that take place in cold environments
b) Locate the activities on a map of the world (display the information shown in Table 4.4 p.166 on a map of the world, see slide 1)
5. a) The greenhouse effect is a natural phenomenon. Describe and explain this concept.
b) Describe and explain the natural causes of the greenhouse effect.
c) What is the enhanced greenhouse effect?
d) Describe and explain the human causes of the enhanced greenhouse effect?
e) How has climate change impacting upon cold environments? (use the table shown on slide
f) How is climate change predicted to impact upon cold environments in the future? (use the table shown on slide 3)
6. Self-assess your answers, and add extra information to your notes, using the slides on the powerpoint. (the additional research has not been included)