



Urmston Grammar Sixth Form – Transition Work

Geography Department (Physical)

“Life is like a landscape. You live in the midst of it but can describe it only from the vantage point of distance.” – Charles Lindbergh

In September your first Physical Systems topic will be **Landscape Systems Option B: Glaciated Landscapes**. This topic will introduce you to the integrated study of earth surface processes, landforms and resultant landscapes. We will explore how the landscape can be viewed as systems, how landforms are developed and the influences of both climate and human activity on this. As such, you will need to have a sound basic understanding of Glacial Processes.

To prepare for this topic you have been set transition work, on which you will be assessed in September.

Task 1 – Increasing your subject specific vocabulary.

Create a list of definitions (ensuring they link with glaciation), you must include the words listed below. Additionally you might also include other words you come across during your reading/research and through watching relevant documentaries/Tedtalks etc.

Glacier	Landscape	System
Input	Process	Output
Geology	Lithology	Weathering
Mass Movement	Glacial Erosion	Nivation
Transportation	Deposition	Abrasion
Plucking	Frost- shattering	Bulldozing

Task 2 – Understanding how a glaciated landscape is formed and the changes that occur over time.

It's important you work through the following topics before our return in September.

1. 'Distinctive landscapes in the UK' - www.bbc.com/education/guides/zxw8frd/revision/1
Read pages 1&2 and make notes on physical landscapes and their characteristics, focusing on glaciation. Attempt the tests to check your learning.
2. 'Glacial processes and landforms' - www.bbc.com/education/guides/zp2j39q/revision/1
Read page 1 about the processes and features and make notes (this will also help you learn the key terms), watch the videos, attempt the tests so that you increase your confidence. Then read page 2 and create your own case study for the Lake District (maximum 2 sides of A4).
3. 'The management of glacial landscapes' - www.bbc.com/education/guides/zt6x4j6/revision/1
Read page 1, make notes and learn about the conflict that can be caused by economic activities in glacial landscapes including the ways in which management strategies try to reduce this conflict and use the land responsibly. Create case study notes from pages 2&3. Attempt the tests to solidify your learning.

Read through the following National Geographic link – make notes on how glaciers form, glacial features, people & glaciers, threats to glaciers (include some place specific examples).

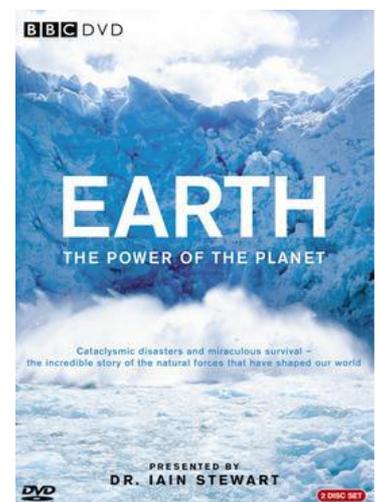
- <https://www.nationalgeographic.org/encyclopedia/glacier/>

Watch the Power of the Planet (Ice) -

<https://www.dailymotion.com/video/x5aj54i>

It's a fantastic introduction to the work we will be doing on glaciation.

You will be required to show me notes and case studies within the first week of 6th Form.





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Extra resources, reading and activities:

- All about Glaciers <https://nsidc.org/cryosphere/glaciers> - a brilliant website for starting to get to grips with glaciation and their impact on the landscape. This provides the foundation for many of the key ideas we will study at A Level.
- Landscape systems <https://www.rgs.org/schools/teaching-resources/landscape-systems/> - a good read and links to all there landscaped (we only study glaciated landscapes in our first topic).
- A glaciers presentation providing an overview of processes and features https://prezi.com/d_6mhfexxyi4/glaciers/.
- Notes on inputs, processes & outputs <https://www.tutor2u.net/geography/reference/glacial-inputs-processes-outputs>
- A channel summarising key themes and ideas <https://www.youtube.com/watch?v=dBIlOveV11c>

General Geography preparation resources:

- Thinking Geographically https://www.geography.org.uk/write/MediaUploads/Support%20and%20guidance/GA_GINCConsultation_ThinkingGeographically_NC_2012.pdf
- Preparing for A Level Geography <https://www.geography.org.uk/Preparing-for-A-level-geography>
- A Level course guide <https://www.ocr.org.uk/qualifications/as-a-level-gce-geography-h081-h481-from-2016/delivery-guide/component-ge005-01-physical-systems/delivery-guide-gedg001b-landscape-systems-option-b-glaciated-landscapes-a-level>
- Geography Ted Talks <https://www.youtube.com/user/TEDtalksDirector/search?query=geography>