



Urmston Grammar Sixth Form – Transition Work

Geography Department

A Level Physical Geography (Paper 1) Transition Work

“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 – Birth of Britain – Ice Age

The following video (although a little old) explains how glaciers form and the impact they've had on the landscape. It introduces you to U-shaped valleys, corries, erratic's, moraines, drumlins, plucking/abrasion and weathering. Please watch this video (linked below) before completing task 3.

[Birth of Britain 2 of 3 Ice Age](#)

Task 3 – 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' - <http://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.



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2. 'Glacial processes and landforms' - <http://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.

3. 'The management of glacial landscapes' - <http://www.bbc.com/education/guides/zt6x4j6/revision/1>

Read pages 1,2&3 about the management of glacial landscapes and make notes on the activities and strategies, attempt the tests so that you increase your confidence.

You will be required to show your notes and case studies within the first week of Sixth Form.

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=dBIl0veV11c>

General Geography preparation resources:

- A Level course guide <https://www.ocr.org.uk/images/223012-specification-accredited-a-level-gce-geography-h481.pdf>
- How to revise for A level Geography <https://media.hachettelearning.com/media/medialibraries/hodder/samples/geography/16-19/ocr-a-level-geography/my-revision-notes-ocr-a-level-geography-second-edition-sample-pages-9781398347038.pdf>
- GeogPod <https://geography.org.uk/resources/geogpod-the-gas-podcast/>
- Geography Ted Talks <https://www.youtube.com/user/TEDtalksDirector/search?query=geography>