

Geography

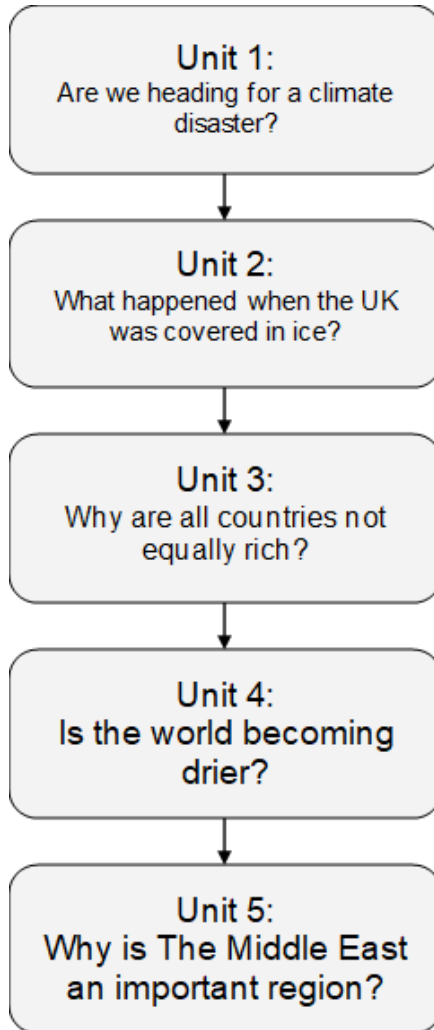
Year 8: What happened when the UK was covered in ice?

Assessment Opportunities	Literacy/Reading opportunities	CEIAG Links
<ul style="list-style-type: none">• During each topic students complete a mid-unit knowledge test based on the unit knowledge covered. Students also complete an end-of unit assessment which includes key vocabulary, knowledge questions, geographical and extend writing.• During each year, students complete a mid-year and end-of year assessment which assesses students on all content covered.	<ul style="list-style-type: none">• Tier 2 vocabulary is identified on page 2 of this SOL in the key knowledge list and is shown in italics.• Tier 3 vocabulary is identified on page 3 of this SOL in the key knowledge list and is shown in bold.• Reading opportunities take place regularly throughout all Geography schemes of learning. This is identified within this SOL (highlighted in blue).• Extended writing opportunities take place regularly throughout all Geography schemes of learning. This is identified within this SOL (highlighted in yellow).	<ul style="list-style-type: none">• Use of satellite images• Using different forms of maps• Links made to climatology• Influence of geology on the environment• Impact of tourism on the environment

Curriculum vision:

“Our aim is to deliver a curriculum that is inclusive, relevant and progressive for all learners.”

<p>Possible Lesson Breakdown: Lesson 1 – Where is Ice Located around the World? Lesson 2 – Why is Ice Found in Different Locations? Lesson 3 – How has Snowdonia Changed Over Time? Lesson 4 – How do Glaciers Form? Extended writing Knowledge test Lesson 5 – Collective feedback Glacial Processes Lesson 6 – How do Glaciers Shape the Landscape? Lesson 7 – How do Glaciers Shape the Landscape? Extended writing Lesson 8 – Individual Feedback End of Unit Knowledge Test</p>		<p>Unit Knowledge (key terms in bold)</p> <ul style="list-style-type: none"> The location of ice around the world: Glaciated landscapes, ice sheets, ice caps. How UK ice cover has changed over time during the ice age and interglacial periods. Reasons why ice is found in different places around the world (altitude and latitude). The formation of a glacier Glacial budget: ablation and accumulation. How abrasion, plucking and freeze-thaw weathering change the shape of the land. How different glaciated features form: pyramidal peaks, aretes, corries, U-shaped valleys, hanging valleys. Identifying glacial features on OS maps: <ul style="list-style-type: none"> 4 and 6 figure grid references Contour lines Land use Scale/distance 	<p>Writing Tasks</p> <p>How do glaciers form? How do glaciers shape the landscape?</p> <hr/> <p>Reading Tasks</p> <p>How do Glaciers Form?</p>
<p>Assessment: Lesson 4 Knowledge Test Lesson 8 Knowledge Test</p>	<p>Feedback Lesson 5 Collective feedback Lesson 8 Individual feedback</p>	<p>Geographical Skills</p> <ul style="list-style-type: none"> Using aerial photographs Using maps on a range of scales Interpreting data to make decisions describing human and physical landscapes (landforms, natural vegetation, land-use and settlement) and geographical phenomena from photographs 	<p>CEIAG</p> <ul style="list-style-type: none"> Use of satellite images Using different forms of maps Links made to climatology Influence of geology on the environment Impact of tourism on the environment <p>Career industry/ sector link Geology Climatology Tourism</p>



Notes

This topic is an extension on the use of processes and how they lead to the formation of different landforms. Students have covered erosion and weathering processes in Year 7 however new processes are taught for this unit. Students should still be able to apply their understanding of processes to landforms and this should be challenged and extended in the teaching of this unit.

Key Knowledge Themes:

- **Geomorphic change:** How climatic factors lead to glaciers forming. Glacial processes and how they form different glacial features.
- **Changing Weather and climate:** Long term climate change in the UK. Climatic factors (recap/extension of home learning).
- **Global Ecosystems:** Distribution of cold environments/mountain regions
- **Place knowledge:** UK glaciated landscapes: Snowdonia

Links to Prior Learning:

- **Geomorphic change:** Students have a basic understanding of some weathering and erosion processes from Year 7.
- **Changing weather and climate:** Students will understand climate change from topic 1. Focus here to be on past changes in the UK caused by natural factors.
- **Global Ecosystems:** Students have a basic understanding of climate regions from home learning – important to ensure students fully understand altitude/latitude in this topic.
- **KS2 knowledge:** Students should have a basic understanding of mountain regions from KS2 along with how latitude affects temperature.

National Curriculum Links:

- Physical Geography relating to: geological timescales; weathering; weather and climate; climate change from the Ice Age to present; glaciation.