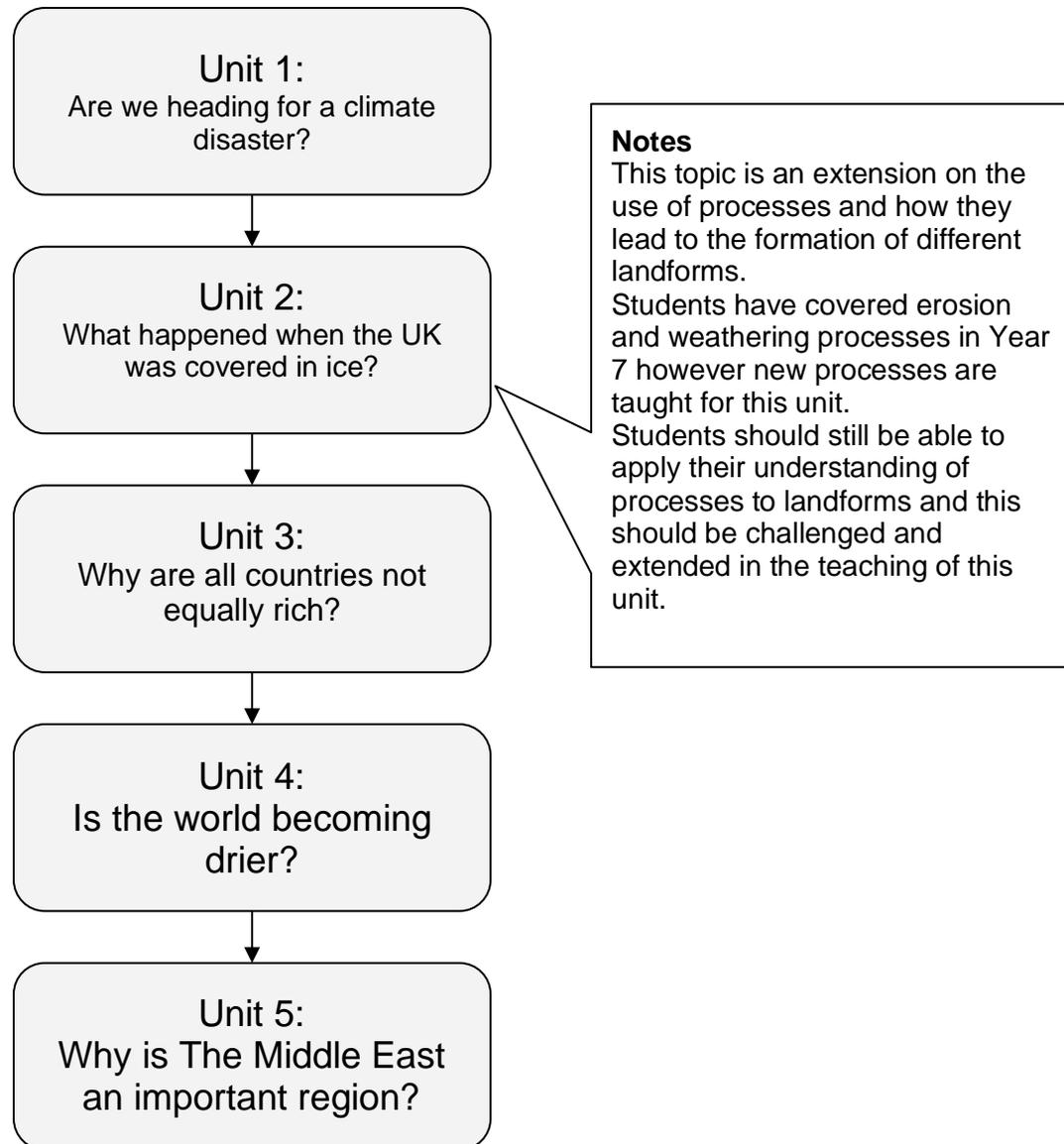


UNIT TITLE: 8.2 How has the shape of Snowdonia changed over time?



<p>Possible Lesson Breakdown:</p> <ol style="list-style-type: none"> 1. The location of ice around the world 2. Reasons why ice is found in different locations 3. How has Snowdonia changed over time? 4. How does a glacier form? 5. How does erosion and weathering change the land? 6. Diagnostic/therapies 7. Erosional Features 1 8. How do corries form? 9. Erosional Features 2 10. Using OS maps 11. Identifying glacial features in Snowdonia 12. End of unit assessment 	<p>Unit Knowledge: (key terms in bold)</p> <p>Knowledge Block 1</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). <p>Knowledge Block 2</p> <ul style="list-style-type: none"> • The formation of a glacier • Glacial budget: ablation and accumulation. <p>Knowledge Block 3</p> <ul style="list-style-type: none"> • 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. <p>Knowledge Block 4</p> <ul style="list-style-type: none"> • 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>Assessment:</p> <p>Lesson 6 – diagnostic/therapies KB1, KB2 Lesson 12 – End of unit assessment – KB1-4</p> <p>Literacy Tasks – Personalised feedback given on each Lesson 8 – how do corries form?</p> <p>Skills Coverage</p> <ul style="list-style-type: none"> • Atlas maps on a range of scales • OS Map skills: 4 and 6 figure grid references, contour lines, identifying physical features • Using aerial photos • Using GIS – google earth
<p>Tier 2 Vocabulary</p> <ul style="list-style-type: none"> • Budget • Timescale • Mechanical 		<p>Notes</p>

5 Year Plan Outline



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.