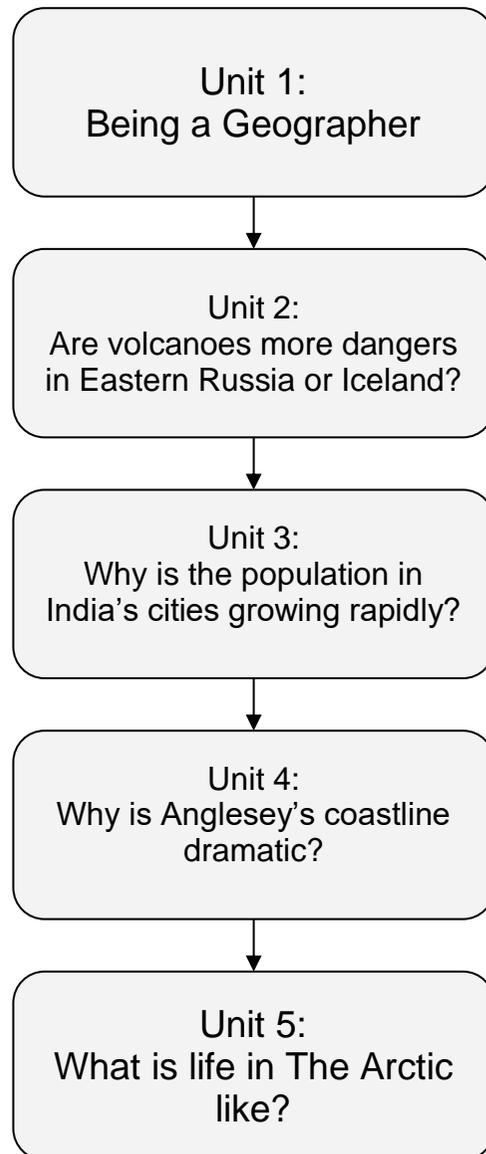


UNIT TITLE: Why is Anglesey's coastline dramatic?



<p>Possible Lesson Breakdown:</p> <ol style="list-style-type: none"> 1) How has the landscape changed? 2) Erosional processes 3) Weathering processes 4) Diagnostic + Therapies lesson 5) The Anglesey coastline 6) The formation of headlands and bays 7) Stack formation 8) Stack formation – literacy task 9) Identifying features on OS maps 10) Identifying features on OS maps 11) Revision/reteach lesson 12) End of unit test 	<p>Unit Knowledge: (key terms in bold)</p> <p>KB1:</p> <ul style="list-style-type: none"> ○ What is erosion and weathering and how do they alter the shape of the land? ○ Types of erosion: abrasion, hydraulic action (power), attrition, solution ○ Types of weathering: mechanical and chemical <p>KB2:</p> <ul style="list-style-type: none"> ○ How headlands and bays form ○ The role of hard rock and soft rock in the formation of headlands and bays ○ The different types of wave (destructive and constructive) and how these influence the shape of the coastline ○ Formation of stacks ○ Role of hard rock in making stacks form <p>KB3:</p> <ul style="list-style-type: none"> ○ Using OS maps (skills including: 4 figure grid references, 6 figure grid references, direction, measuring distance, using contour lines, identifying physical features on maps) 	<p>Assessment:</p> <p>Lesson 4 – diagnostic and therapies (KB1) Lesson 12 – End of unit assessment (KB1, KB2, KB3)</p> <hr/> <p>Literacy Tasks – Personalised feedback given on each Lesson 6 – The formation of headlands and bays Lesson 8) The formation of sea stacks</p> <hr/> <p>Skills Coverage</p> <ul style="list-style-type: none"> ○ Using aerial photos ○ Interpreting photos ○ OS maps – see KB3 ○ Using GIS – google earth/Edina Digimap
<p>Tier 2 Vocabulary</p> <ul style="list-style-type: none"> • Landscape • Process • Mechanical • Chemical 		<p>Notes</p> <p>There are two literacy tasks within a short space of time in this SOL. One of these will be collective feedback informing the development of explanation writing. The teacher will decide which is best to use collective/personalised based on the needs of students in each class.</p>

5 Year Plan Outline



Notes

This unit is a pure physical geography unit.
Like unit 2, students need to link different processes to the different features.
The processes learnt in this unit will be used throughout the geography completed in secondary school and therefore a secure understanding of weathering and erosion and the exact processes is key.

Key Knowledge Themes:

Geomorphic Change: Type of erosion and weathering, how sea stacks and headlands and bays form.

Place Knowledge: Coastal features of the UK - Anglesey

Links to Prior Learning:

KS2 (based on primary experience):

Rivers, mountains and the water cycle covered in KS2 curriculum. Some students start Year 7 with a good knowledge of the formation of sea stacks (covered as a unit). These students typically still do not understand the types of erosion and weathering.

Students have learnt to explain physical processes in unit 7.2. The same explanation skills are applied within this unit.

National Curriculum Links:

Understand the processes that give rise to key physical features of the world, how these are interdependent and how they bring about spatial variation and change over time.

Interpret a range of sources of geographical information, including maps and diagrams.

Physical geography relating to rocks, weathering and soils, hydrology and coasts.

Understand how physical processes interact to influence and change landscapes.