

Y8 GEOGRAPHY

GLACIATION- How have they changed our landscape?

Rationale and Context of Unit:	Core curriculum content:	Tier 2 & Tier 3 vocabulary explicitly taught:	
<ul style="list-style-type: none"> This unit will build on prior learning on coasts & mapskills. It will look at the processes acting on our landscape now, but also in the past & how this impacts our lives today. This will also start the development for later in the year to link to climate change & global warming. Students will use the knowledge gained in map skills to use these and other images to see the landforms have been formed by ice, but it is no longer there. The processes in action today and to explore how change over time will affect both physical and human geography. The unit will build on the local area as we have some glacial features along the north Norfolk coast, but mainly looking at upland areas in the UK & abroad. 	<ul style="list-style-type: none"> Glacial landscapes now and in the past, the processes acting on them, the landforms produces from erosion, transport and deposition. How geology impacts the formation of our landscape and how different climatic events have caused ice ages and the different landforms produced as a result. Glacial retreat- human involvement in the causes of glacial retreat and the impact of this now & in the future. 	Glacier Erosion Plucking Abrasion/corrasion Head Snout Ablation Accumulation Moraine- lateral, medial, recessional, terminal Corrie/Cirque	Arête Hanging valley Avalanche Truncated spur Erratic
Challenge and Support:	Worldwide learning/ links to 21 st century:	Cultural capital/ Industry/ Enrichment:	
<ul style="list-style-type: none"> Some pupils will progress further and start to describe and begin to explain geographical processes relating to glacial landforms Writing frames, sentences stems, question stems; VIP strategy for disadvantaged students. Success criteria. Relevant SEND support based on student's individual needs and passport information. 	<ul style="list-style-type: none"> This unit will look at glacial formation, protection & management via social, environmental and economic effects & impacts of it. In examining real life examples locally & nationally. The dilemma of glacial retreat, the causes and the effects of this linked to climate change. 	<ul style="list-style-type: none"> How money is made from glacial area- mainly through tourism & resources. How the human impact can enrich glacial areas through tourism, education & resource exploitation & management. 	

Historical, Social, Moral, Spiritual, Cultural context:	Cross curricular links/ literacy/numeracy:	Common misconceptions:
<ul style="list-style-type: none"> How glaciers & glacial landscapes change over time, glacial retreat the moral dilemma of what to do & the effects of this globally. 	<ul style="list-style-type: none"> Numeracy – rates of retreat/ablation, geological timescales and change of the landscape over time, reading and interpreting data. Literacy – use of keywords in context, reading & writing extended answers. 	<p>The reasons behind glacial erosion & glacial landform formation. The impact of erosion on the landscape & communities.</p>
Assessment timeline:		
<ul style="list-style-type: none"> Regular re-visits of key vocabulary and subject knowledge through starter tasks, re-cap quizzes. Extended writing tasks for glacial erosion. End of topic assessment on glaciers with mark scheme. 		
Home learning		
<ul style="list-style-type: none"> Research into landform formation. Revision for tests Tasks, questions, extended writing. 		
Feedback		
<ul style="list-style-type: none"> F4 from end of unit assessment test. Oral feedback is given regularly. Feedback will follow school policy and include live feedback. 		

Length of unit (duration indicated in lessons)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Unit:																													