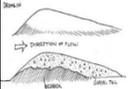


Year: 8

Term: Autumn 2

Title: Land of Ice



Lesson Title	Knowledge & Understanding AO1&2 (40%) 	Judgement & Skills AO3&4 (60%) 
1. Land of Ice – Glaciers 	<input type="checkbox"/> Human and Physical features <input type="checkbox"/> Weather vs Climate <input type="checkbox"/> Location of ice during the Pleistocene (last ice age) <input type="checkbox"/> Natural vs human causes of climate change <input type="checkbox"/> Historical records (intro HIT) <input type="checkbox"/> Geological timescales – Holocene and Pleistocene	<input type="checkbox"/> Map skills <input type="checkbox"/> Effect of ice on the landscape <input type="checkbox"/> Photo analysis <input type="checkbox"/> Bar chart – data ASBO links fieldwork <input type="checkbox"/> Line graph – climate <input type="checkbox"/> Assess - judgement
2. Glacial distribution 	<input type="checkbox"/> Formation of a glacier <input type="checkbox"/> Glacial processes - TED <input type="checkbox"/> Impacts of glaciers (+&-) <input type="checkbox"/> Global distribution of glaciers <input type="checkbox"/> Altitude and temperature <input type="checkbox"/> Upland areas	<input type="checkbox"/> Map skills – locating glaciers <input type="checkbox"/> Photo interpretation <input type="checkbox"/> Evaluation <input type="checkbox"/> OS map skills <input type="checkbox"/> Scatter graph – glacial retreat <input type="checkbox"/> Diagram of glacial formation
3. Glaciers and the UK landscape Could use iPad here 	<input type="checkbox"/> The glacial system (Inputs, processes and outputs) <input type="checkbox"/> Topography and contour lines <input type="checkbox"/> Land use and glacial landscapes. <input type="checkbox"/> Weathering and erosion – Plucking & abrasion <input type="checkbox"/> Depositional landforms	<input type="checkbox"/> Photo analysis <input type="checkbox"/> Locating the Cairngorms – Atlas skills <input type="checkbox"/> Diagrams of glacial systems & processes <input type="checkbox"/> OS map interpretation <input type="checkbox"/> Group work <input type="checkbox"/> ICT research
4. Mighty Uplands 	<input type="checkbox"/> Landforms created by erosion <input type="checkbox"/> V-shaped valleys <input type="checkbox"/> Corrie formation <input type="checkbox"/> Freeze-thaw weathering <input type="checkbox"/> Erosional landforms- <i>tarn, pyramidal peaks, arete, corrie</i> <input type="checkbox"/> Tourism in Snowdonia - impacts	<input type="checkbox"/> Photo analysis <input type="checkbox"/> Calculate the mean <input type="checkbox"/> Diagrams of corries <input type="checkbox"/> Diagrams of erosional landforms <input type="checkbox"/> Locate Snowdonia using Atlas <input type="checkbox"/> DME – Ecotourism in Snowdonia
5. Glacial Landforms 	<input type="checkbox"/> Landforms created by transportation and deposition <input type="checkbox"/> Glacial till and moraines <input type="checkbox"/> Drumlins and erratics <input type="checkbox"/> Glacial landscapes and land use <input type="checkbox"/> Landscapes and population patterns – UK – Cumbria	<input type="checkbox"/> Diagrams of medial, lateral and terminal moraine <input type="checkbox"/> Diagrams of drumlins and erratics <input type="checkbox"/> Find Alaska using Atlas
6-7 Landscapes beneath our fingertips 	<input type="checkbox"/> Glacial landforms on OS maps <input type="checkbox"/> Contour lines and Ben Nevis <input type="checkbox"/> Cross sections <input type="checkbox"/> Equipment <input type="checkbox"/> Risk assessment <input type="checkbox"/> Antarctic Treaty – 1959 <input type="checkbox"/> Alfred Wainwrights – Sketches and writings <input type="checkbox"/> Snowdonia location <input type="checkbox"/> Upland ecosystems – climate and biomes	<input type="checkbox"/> Compass directions <input type="checkbox"/> 4 & 6 figure grid references <input type="checkbox"/> Measuring and using scale <input type="checkbox"/> Interpreting OS maps <input type="checkbox"/> Creating diagrams from OS maps <input type="checkbox"/> Creating cross sections from OS maps <input type="checkbox"/> Team work – creating a glacial landscape and planning an expedition! <input type="checkbox"/> Interpreting proportional arrows <input type="checkbox"/> Use of the senses
8 Solutions to protect glaciers 	<input type="checkbox"/> Causes of climate change – VASO and FITE <input type="checkbox"/> Consequences of climate change – SEEP <input type="checkbox"/> Locate the Marshall Islands <input type="checkbox"/> Greenhouse gases & Greenhouse effect <input type="checkbox"/> Flooding <input type="checkbox"/> Nike – minimising emissions - TNCs <input type="checkbox"/> British Antarctic Survey	<input type="checkbox"/> Glacial retreat data <input type="checkbox"/> Choropleth map UK.
9. Assessment 	The assessment will combine all your learning so far. Check all your boxes – do you have any blanks? Close gaps by asking your friend and the teacher.	