

Distinctive Landscapes



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What is a landscape? A landscape has visible features that make up the surface of the land. Landscapes can be broken down into four 'elements'. Landscape Elements		Relief of the UK		Areas +600m:		Erosion			Transportation		
		Relief of the UK can be divided into uplands		Peaks an ridges c misty an	old,		own and transport of rocks – d and sorted.		A natural process by which eroded material i carried/transported.		
		and lowlands. Each have their own character-		snow commo i.e.		Attrition	Rocks that bash together to become smooth/smaller.		Solution		Minerals dissolve in water ar are carried along.
•Mountains •Co	Biological •Vegetation •H	istics. Key		Areas - 200m: Fl		Solution	A chemical solved rocks			spension	Sediment is carried along in the flow of the water.
astlines • Rivers abitats • Wildlif Human Variable • Buildings • Infras • Weather • Sm			19 200	or rolling hills. Warmer	g	Abrasion	Rocks hurled at the base of a cliff to break pieces apart.		Saltation		Pebbles that bounce along the sea/river bed.
tructure •Structu s res	•Sounds/Sights	Lowlands	A	weather i.e. Fens		Hydraulic Action		s cracks in the cliff, ses, causing the pand.	Tro	action	Boulders that roll along a riv sea bed by the force of the flowing water.
Glaciation in the UK Over many thousands of years, glaciation has made an impression on the UK's landscape. Today, much of upland Britain is covered in u-shaped valleys and eroded steep mountain peaks. During the ice age			Human activity on Landscape						Mass Movement		
		Uplands	Farming has changed the vegetation which grows there.					rure such as roads s cover most of the UK.	A large mov moves dowr		ovement of soil and rock debris tha wn slopes in response to the pull of a vertical direction.
			Over thousands of years, much of the UK's woodlands have gone. ed.				nes and moorlands managed by peo- ple.		1 (Rain saturates the permeable rock above the impermeable rock maki heavy.	
Ice covered areas eroded and weathered landscapes to create dramatic mountain scenery.			Climate and Weather in the UK The variations of climate and weather means there are different					verage rainfall in the UK			Waves or a river will erode the base the slope making it unstable.
After the ice age			influences on the UK's landscape.				Veropitation (mm) % of 1961-1990 Average				Eventually the weight of the norma
Deep valleys and deposition of sediment revealed Ceology of the UK The UK is made from a variation of different rock types. The varied resistance of these rocks influences the landscape above. Igneous Rock Volcanic/molten rock brought up to the Earth's surface and cooled into solid rock. Sedimentary Rock Made from broken fragments of rock worn down by weath-			Climate The rainfall map of the UK shows variation							3 1	Eventually the weight of the perme rock above the impermeable rock weakens and collapses.
		in average rain. •Less precipitation occurs in low land are- as. East England •Most precipitation occurs in upland areas. Scotland. These differences mean				The is the isotropy of the iso			4	The debris at the base of the cliff is removed and transported by wave river.	
				Chemical Action of chemicals within rain dissolving the rock.						Original position	
			Uplands experience more weathering, erosion and mass movement.		Biological Rocks that have been broken down		San and and		5 C		Slumi mass
			by living organisms. •••• Freeze-thaw weathering •								
ering on Earth's surface Metamorphic Rock Rock that is folded and torted by heat and pro-	e. d dis-		Stage One Water seeps into cracks and frac- tures in the rock.			oands is wedg-	Stage Three With repeated freeze-thaw cycles, the rock breaks off.				

