

Physical landscapes in the UK	Covered in class?				Revision undertaken
I can describe the location of the major upland and lowland areas within the UK					
I can describe the location of the major river systems within the UK					
Coastal landscapes of the UK					
I can describe and explain the different types of waves and their characteristics					
I can name and explain the processes of weathering and mass movement					
I can name and explain the four processes of erosion					
I can name and explain the four processes of transportation and explain the process of Longshore drift .					
I can explain the reasons why sediment is deposited on the coast.					
I can explain how geological structure and rock type influence coastal landforms.					
I can describe erosional landforms and explain the sequence of how they are formed, including: <ol style="list-style-type: none"> 1. Headlands and bays 2. Wave cut notches and wave cut platforms 3. Caves, Arches, Stacks, Stumps 					
I can describe depositional landforms and explain the sequence of how they are formed, including: <ol style="list-style-type: none"> 1. Beaches 2. Sand dunes 3. Spit and bars 					
I can identify major landforms of erosion and deposition at an <u>example of a section of a coastline in the UK</u>					
I can describe and explain methods of hard engineering and evaluate the costs and benefits of them., including: Sea walls, Rock armour, Gabions, Groynes					
I can describe and explain methods of soft engineering and evaluate the costs and benefits of them., including: Beach nourishment and re-profiling, Dune regeneration					
I can describe and explain methods of managed retreat and evaluate the costs and benefits of them					
I can <u>use an example</u> of a coastal management scheme to explain: <ul style="list-style-type: none"> • The reasons for management • The management strategy • The resulting effects and conflicts 					
I can identify on an OS map all of the coastal landforms and use 4 & 6 fig grid references to locate them on a map					
River landscapes of the UK					
I can describe how a rivers long profile and cross profile varies over it's course					
I can explain how vertical and lateral erosion changes the cross profile of a river					
I can explain the four process of erosion					
I can describe the four processes of transportation in a river					
I can explain the reasons why a river deposits its eroded material					
I can explain how interlocking spurs, waterfalls & gorges are formed (erosional landforms)					
I can explain that meanders and oxbow lakes are formed by erosion & deposition					
I can explain how a flood plain, levee and estuaries are formed (depositional landforms)					
I can <u>use an example</u> of a river valley to demonstrate my understanding of the erosional and depositional landforms					
I can explain how physical and human factors affect the risk of flooding including precipitation, geology, relief and land use.					
I can explain what river discharge means & how it is shown on a hydrograph					
I can explain at least 4 factors that will either increase or decrease river discharge (human and physical)					
I can explain how hard engineering can reduce the risk of flooding or the effects of flooding, including: dams and reservoirs, straightening embankments, flood relief channels and assess the <u>costs and benefits</u>					
I can explain how soft engineering can reduce the risk of flooding or the effects of flooding, including: flood warnings and preparation, flood plain zoning, planting trees and river restoration and assess the <u>costs and benefits of each</u> .					
Using an <u>example</u> of a flood management scheme I can explain <ol style="list-style-type: none"> 1. Why the scheme was required 2. How the area was managed 3. The social, environmental and economic issues associated with the scheme. 					
I can identify on an OS map all of the river landforms and use 4 & 6 fig grid references to locate them on a map.					

