




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

