

## Personal Learning Checklist: Rivers

River Landscape Key Ideas	100% Confident	I am OK with this, some work needed.	Definitely need more revision!
The shape of river valley changes as the rivers flow downstream.			
I understand the difference between the river long and cross profiles.			
I can define fluvial processes: <ul style="list-style-type: none"> <li>• Erosion (hydraulic action, abrasion, attrition, solution, vertical and lateral erosion)</li> <li>• Transportation (traction, saltation, suspension and solution)</li> <li>• Deposition (why rivers deposit sediment)</li> </ul>			
Distinctive fluvial landforms result from different processes			
I can identify and explain characteristics and formation of landforms resulting from erosion: <ul style="list-style-type: none"> <li>• Interlocking spurs</li> <li>• Waterfalls</li> <li>• Gorges</li> </ul>			
I can identify and explain characteristics and formation of landforms resulting from erosion and deposition: <ul style="list-style-type: none"> <li>• Meanders</li> <li>• Oxbow lakes</li> </ul>			
I can identify and explain characteristics and formation of landforms resulting from deposition: <ul style="list-style-type: none"> <li>• Estuary</li> <li>• Flood Plains</li> <li>• Levees</li> </ul>			

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Different management strategies can be used to protect river landscapes from flooding			
I can explain the human and physical factors that can cause flooding to occur.			
I can use a hydrograph to explain the relationship between precipitation and discharge.			
I can explain the cost and benefits of hard engineering: <ul style="list-style-type: none"> <li>• Dams and Reservoirs</li> <li>• Straightening</li> <li>• Embankments</li> <li>• Flood relief channels</li> </ul>			
I can explain the cost and benefits of soft engineering: <ul style="list-style-type: none"> <li>• Flood warning and preparation</li> <li>• Flood plain zoning</li> <li>• Planting trees</li> <li>• River restoration</li> </ul>			
I can describe and explain an example of flood management in the UK <ul style="list-style-type: none"> <li>• Why the scheme was required.</li> <li>• The management strategy.</li> <li>• The economic, social and environmental issues.</li> </ul>			

Exam question: Marks Awarded	/	%	Grade Equivalent	Target
Teacher Assessment				
Peer/Self Assessment				

