













3.1.3 SECTION C: Physical Landscapes in the UK

Read through the table below and rate your understanding of each area.

RIVER LANDSCAPES IN THE UK	AT THE START OF THE TOPIC			AFTER THE TOPIC			PLACES TO FIND HELP
							CGP Revision Guide & Textbook
KEY IDEA: the shape of river valleys changes as rivers flow downstream							
Describe the characteristics of a long profile and changing cross profiles of a river and its valley							CGP: 47 Textbook: 114-115
Explain the difference between the different erosion processes (hydraulic action, abrasion, attrition, solution)							CGP: 48 Textbook: 116-117
Explain the differences between the different transportation processes (traction saltation, suspension, solution)							CGP: 48 Textbook: 117
Explain why rivers deposit sediment							CGP: 48 Textbook: 117
KEY IDEA: distinctive fluvial landforms result from different physical processes							
Identify the different landforms which result from erosional processes and describe their characteristics							CGP: 49 Textbook: 118-119
Explain how erosion landforms are formed (interlocking spurs, waterfalls, gorges)							CGP: 49 Textbook: 119
Identify the different landforms which result from erosion and deposition processes and describe their characteristics							CGP: 51 Textbook: 120
Explain how erosion and deposition landforms are formed (meanders and ox-bow lakes)							CGP: 50 Textbook: 120
Identify the different landforms which result from depositional processes and describe their characteristics							CGP: 51 Textbook: 121
Explain how deposition landforms are formed (levees, flood plains, estuaries)							CGP: 51 Textbook: 121
Using an example of a river valley in the UK identify the major landforms of erosion and deposition							CGP: 53 Textbook: 122-123
KEY IDEA: different management strategies used to protect river landscapes from the effects of flooding							

RIVER LANDSCAPES IN THE UK	AT THE START OF THE TOPIC			AFTER THE TOPIC			PLACES TO FIND HELP
							CGP Revision Guide & Textbook
Explain how physical and human factors affect the flood risk (precipitation, geology, relief and land use)							CGP: 54 Textbook: 124-125
Analyse hydrographs to explain the relationship between precipitation and discharge							CGP: 54 Textbook: 125
Identify the different flood management strategies							CGP: 55 Textbook: 126-127
Describe the differences between hard and soft engineering							CGP: 55 Textbook: 128-129
Evaluate the costs and benefits of hard engineering methods							CGP: 55 Textbook: 127
Evaluate the costs and benefits of soft engineering methods							CGP: 55 Textbook: 129
Evaluate the costs and benefits of managed retreat							CGP: 55 Textbook: Notes
Using an example of a flood management strategy in the UK to explain why the scheme was required							CGP: 56 Textbook: 130-131
Using an example of a flood management strategy in the UK to explain the strategy adopted							CGP: 56 Textbook: 130-131
Using an example of a flood management strategy in the UK to evaluate the economic, social and environmental issues							CGP: 56 Textbook: 130-131