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| **Unit = GCSE Geography Component 2 Sub topic River Processes and pressures.** | **Road Map** | | | | |
| The aims are:  **LG1**: Knowledge Why are there a variety of river landscapes in the UK and what are the processes that shape them?  **LG2**: Application- to River Severn  **LG3**: Skills - OS 1:25k and 1:50k maps, cross section drawing, BGS geology maps, drawing hydrographs. | Ongoing Assessment results |  | | | |
| Final assessment results |
| **Themes** | **Learning Goals/Outcomes/Content** | |  |  |  |
| How do River Landscapes change? | LG1 Know the main features of river landscapes and the processes that shape them. | |  |  |  |
| What changes are there along a River’s Profile | LG1 Understand the Bradshaw Model | |  |  |  |
| The River Severn and it’s landscape | LG2 Apply Bradshaw’s theory to the River Severn | |  |  |  |
| What are upper course landforms? | LG2 Explain how processes interact to create V-shape valleys, interlocking spurs and waterfalls. | |  |  |  |
| What are middle course landforms? | LG2 Explain (using processes) the formation of meanders, ox-bpw lakes and flood plains. | |  |  |  |
| What are lower course landforms? | LG2 Explain how processes create levees and deltas. | |  |  |  |
| Climate, geology and slope processes | LG2 To know the key contrasts between landscapes and processes in different parts of the River Severn’s valley | |  |  |  |
| How can maps show river features and the landscape? | LG3: To be able to use contours to draw a cross section of a valley. | |  |  |  |
| What’s a hydrograph? | LG3 Analyse a storm hydrograph. | |  |  |  |
| What causes the River Severn to flood? | LG2 Understand the causes and impacts of floods along the Severn | |  |  |  |
| What affects the flood risk in the UK? | LG1 Understand why flood risk is increasing and how it affects people | |  |  |  |
| How can flood risk be reduced? | LG1 Investigate the costs and benefits of hard and soft engineering. | |  |  |  |
| Revision |  | |  |  |  |
| END OF TOPIC ASSESSMENT | | | | | |

**Links:**

LG1: Interactions between people and environments – also appears in Component 1 and Component 3, plus units at A level – mainly Paper 1. It is also a key feature of KS3 curriculum.

LG2: Applying teort to River Severn

LG3: Interpretation of resources, cartographic, graphic, photographic and mathematical skills feature throughout GCSE and A level geography, It is also a key feature of KS3 curriculum. OS 1:25k and 1:50k maps, cross section drawing, BGS geology maps, drawing hydrographs.