

# Progress Page

Topic:

| Working Towards | Expected Standard | Reaching Greater Depth |
|-----------------|-------------------|------------------------|
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| To achieve 'Expected Standard' you will be able to....                                                                                                               | WT | EP |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|
| ES1. Identify changes in the long and cross profile of a river from upper to lower course.                                                                           |    |    |
| ES2. Explain how the four processes of erosion, (hydraulic action, abrasion, attrition and solution) operate in a river.                                             |    |    |
| ES3. Explain how the processes of transportation (traction, saltation, suspension and solution) operate in a river.                                                  |    |    |
| ES4. Identify how erosion and deposition leads to the formation of river landforms.                                                                                  |    |    |
| ES5. Identify characteristics of river landforms (waterfalls, meanders and oxbow lakes) and explain their formation in sequence via diagrams and written annotations |    |    |
| ES6. Explain how human (building on flood plains, deforestation) and physical (geology, precipitation) factors can cause flooding                                    |    |    |
| ES7: Evaluate the impacts flooding can have on UK settlements (Shrewsbury) on social, economic and environmental scales.                                             |    |    |
| ES8: Describe and explain how a range of hard and soft engineering strategies can reduce the impact of flooding                                                      |    |    |
| To achieve 'Greater Depth' you will be able to...                                                                                                                    | GD |    |
| GD1. Apply learning of Shrewsbury river system to the Bradshaw Model                                                                                                 |    |    |
| GD2. Evaluate effectiveness of flood management strategies.                                                                                                          |    |    |
| GD3. Evaluate and recommend the most effective flood management strategy for Shrewsbury.                                                                             |    |    |