## GCSE and A level Assessment Objectives

### Summary of each resource

<table>
<thead>
<tr>
<th>Resource</th>
<th>GCSE</th>
<th>A level</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>✓</td>
<td></td>
<td>Cause of flooding – Storm Desmond</td>
</tr>
<tr>
<td>2</td>
<td>✓</td>
<td></td>
<td>Effects – proportional circles and qualitative analysis</td>
</tr>
<tr>
<td>3</td>
<td>✓</td>
<td></td>
<td>Oxford flood alleviation</td>
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<tr>
<td>4</td>
<td>✓</td>
<td>✓</td>
<td>Managing upper basin – Swindale Beck</td>
</tr>
<tr>
<td>5</td>
<td>✓</td>
<td>✓</td>
<td>Susdrain</td>
</tr>
<tr>
<td>6</td>
<td>✓</td>
<td></td>
<td>GCSE rivers DME</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>✓</td>
<td>Coastal flooding at Chiswell</td>
</tr>
<tr>
<td>8</td>
<td>✓</td>
<td>✓</td>
<td>Managed realignment</td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>✓</td>
<td>The role of the Environment Agency in coastal management and the development of shoreline management plans</td>
</tr>
</tbody>
</table>

### Resource 1

**GCSE Assessment Objectives**
- **AO1** Knowledge of flows and stores in the drainage basin
- **AO2** Understanding the connections between hydrological processes, human activity and flood risk

### Resource 2

**GCSE Assessment Objectives**
- **AO3** Analysis of qualitative data to reach conclusions about the impacts of flooding
- **AO4** Use of proportional circles in cartography

### Resource 3

**GCSE Assessment Objectives**
- **AO1** Knowledge of urban land use zoning
- **AO2** Understanding hard and soft strategies of flood management
- **AO3** Evaluating the advantages and disadvantages of a specific flood alleviation scheme
- **AO4** Use of GIS and satellite images as well as photographic evidence in enquiries

### Resource 4

**GCSE Assessment Objectives**
- **AO1** Knowledge of flows and stores in the drainage basin
- **AO2** Understand the way in which river processes work to create meandering channels
- **AO3** Evaluate the environmental and economic benefits of Natural Flood Management (NFM)
- **AO4** Use of OS and satellite images as evidence of landform change
A level Assessment Objectives
AO1 Demonstrate knowledge and understanding of processes within the drainage basin.
AO2 Evaluate the environmental and economic benefits of Natural Flood Management (NFM).
AO3 Interpret and analyse evidence about NFM to be able to construct arguments and draw conclusions.

Resource 5
GCSE Assessment Objectives
AO1 Knowledge of flows and stores in the drainage basin
AO2 Understand the way in which urbanisation affects movement of water through the drainage basin
AO3 Evaluate the social, environmental and economic benefits of SuDS

A level Assessment Objectives
AO1 Demonstrate knowledge and understanding of processes within the drainage basin.
AO2 Evaluate the social, environmental and economic benefits of SuDS.
AO3 Interpret and analyse evidence about SuDS to be able to construct arguments and draw conclusions.

Resource 6 – Decision-making exercise
GCSE Assessment Objectives
AO1 Knowledge of the cause and effect of river floods and the options available to alleviating the threat of such floods.
AO2 Demonstrate geographical understanding of concepts related to river processes and river management, and also the inter-relationship between these processes and people.
AO3 Apply knowledge and understanding to interpret, analyse and evaluate geographical information and issues and to make reasoned judgements in relation to river management.
AO4 Describe and interpret geo-spatial data using a wide range of EA resources (and other sources) presented through interactive maps videos and photographs. Select, adapt and use a variety of skills and techniques to investigate questions and issues and communicate findings.

Resource 7
A level Assessment Objectives
AO1 Demonstrate knowledge and understanding of a case study of coastal management.
AO3 Use big data sources to analyse the relationship between wind speed, wind direction, atmospheric pressure and wave height.

Resource 8
GCSE Assessment Objectives
AO1 Knowledge of one located case study of a coastal management scheme
AO2 Understanding of coastal processes such as erosion and deposition
AO3 Evaluation of the effectiveness of managed realignment as a sustainable coastal management strategy
A level Assessment Objectives
AO1 Demonstrate knowledge and understanding of a case study of coastal management.
AO2 Evaluate the effectiveness of managed realignment as a sustainable coastal management strategy.
AO3 Use a variety of quantitative data to construct arguments and draw conclusions when comparing different coastal management strategies.

Resource 9 – Decision-making exercise
A level Assessment Objectives
AO1 Knowledge and understanding of the options relating to the management of the coast with specific reference to hold the line and managed realignment.
AO2 Apply knowledge and understanding to interpret, analyse and evaluate the eleven principles which are used to create shoreline management plans.
AO3 Use a wide range of quantitative and qualitative evidence (EA resources and other sources) to construct arguments and draw conclusions.