

YEAR Y9

SUBJECT Geography

Knowledge Focus: Rural urban links in Wales.



Ysgol Uwchradd
Prestatyn
High School

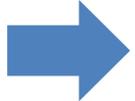
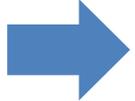
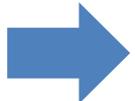
Experience, knowledge and skills to be developed / CfWWhat Matters focus: to be developed:

- How do processes work together to create river landform features?
- What factors affect the rates of landform change in river landscapes?
- What factors affect the rates of landform change in river landscapes in the UK?
- What physical processes affect stores and flows in UK drainage basins?
- Why do rivers in the UK flood?
- What are the current and future management approaches to flooding in the UK?

Key Terms to be learned this half term:

Fluvial, erosion; solution, hydraulic action, corrosion / abrasion, attrition, Lateral erosion, transportation, solution, suspension, saltation, traction, deposition, geology, water fall , gorge, plunge pool, meander, slip off slope, river cliff, oxbow lake, floodplain, levee. Discharge, impermeable, consolidated / unconsolidated, infiltration, lag time, hard / soft engineering.

Connectives: also, furthermore, in contrast, alternatively.

<p>Week 1 and 2 Learning Objectives:</p> <p>Understand how and why river landforms change over time. Outline the processes of fluvial erosion, transportation and deposition which result in the development of landforms: v-shaped valleys, waterfalls, gorges, floodplains and meanders and their associated smaller scale features.</p> <p>Literacy skills: Key words and meanings (WG5)</p>		<p>Objective assessments:</p> <p>What are the processes responsible for shaping upland and lowland river features? To create annotated diagrams of river landforms.</p>	<p>Homework:</p> <p>Why do people like to live near rivers?</p>
<p>Week 3 and 4 Learning Objectives:</p> <p>Continuedoutline the processes of fluvial erosion, transportation and deposition which result in the development of landforms: v-shaped valleys, waterfalls, gorges, floodplains and meanders and their associated smaller scale features (slip-off slopes in meanders and plunge pools in waterfalls).</p> <p>Literacy skills: Focus on handwriting and capital letters (WG3)</p>	<p>APP</p> 	<p>Objective assessments:</p> <p>What are the processes responsible for shaping upland and lowland river features?</p>	<p>Homework:</p> <p>What were the causes and effects of Somerset Levels flooding? (winter 2013/14).</p>
<p>Week 5 and 6 Learning Objectives:</p> <p>Describe and explain the factors that affect rates of landform change in river landscapes. a) climate to include its effect on the seasonal variation in discharge and the impact of extreme weather events on rates of landform change e.g. Somerset Levels 2014. b) geology to include the local nature of rocks. c) Human activity: intended and unintended consequences.</p> <p>Literacy skills: Persuasive writing, selecting information, thinking about audience (WM2, S1a,2)</p>	 <p>SA 1</p>	<p>Objective assessments:</p> <p>What factors affect the rates of landform change in river landscapes in the UK? What are the intended and unintended consequences of human interventions? What factors affect flows and stores of water?</p>	<p>Homework:</p> <p>Revise river key terms for APP and flooding case studies and flood management for SA.</p>
<p>Week 7 Learning Objectives:</p> <p>Outline flows and stores of water in the drainage basin.</p> <p>Understand the interrelationships between drainage basin processes to include interception, infiltration, through flow and overland flow.</p>		<p>Objective assessments:</p> <p>What factors affect flows and stores of water?</p>	<p>Homework:</p> <p>Definitions of key hydrological terms.</p>