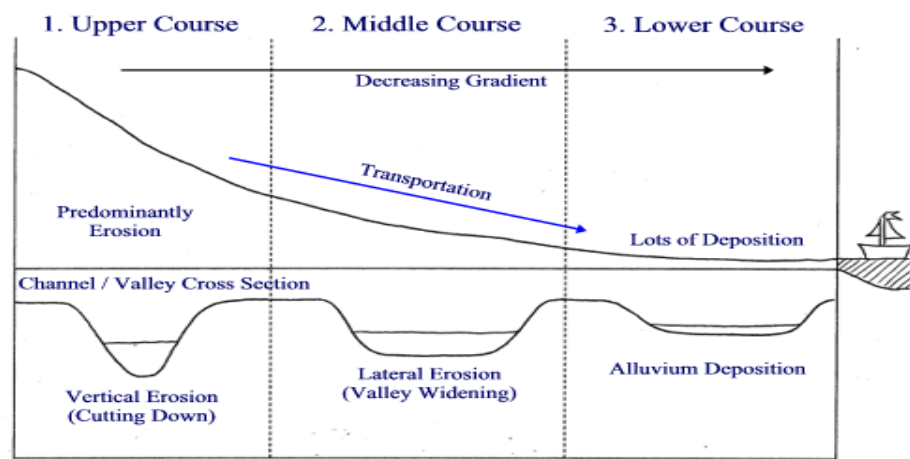


## Features of a Drainage Basin

Source: Mouth:  
 Tributary: Confluence:  
 Watershed: Drainage Basin:

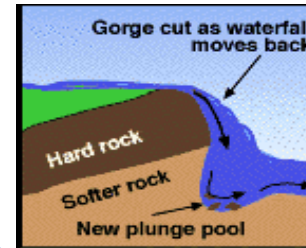
## The long profile and changing cross profile of a river and its valley



Describe the changes in the gradient, processes and cross section

## Upper Course Landforms

Formation of interlocking spurs:  
 Formation of V-shaped valley:  
 Formation of a waterfall and gorge:

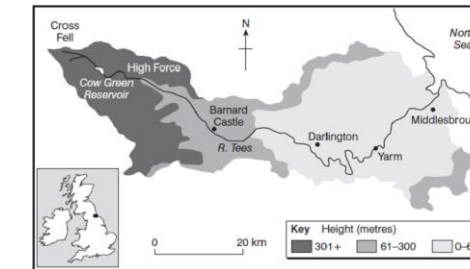


## Lower Course Landforms

Formation of levees:  
 Formation of flood plains:  
 Formation of estuaries:

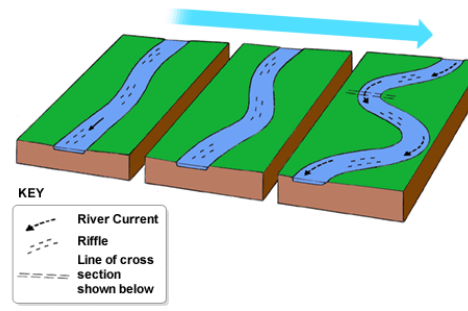
## EXAMPLE: River Tees

Location –



Key Features –

## Formation of Meanders and Oxbow Lakes



## Physical Landscapes in the UK - Rivers Knowledge organiser

## Flood Management

Hard Engineering	Soft Engineering

## EXAMPLE – Boscastle, Cornwall

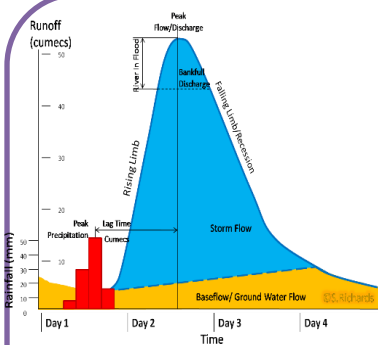
Why it was needed:

Management strategies:

Issues that followed:

## Hydrographs

Lag time –  
 Peak discharge –  
 Rising limb –  
 Receding/falling limb -



## Factors affecting flood risk

Precipitation – Urbanisation –  
 Steep – Deforestation –  
 Geology - Agriculture-

## Processes

### Erosion:

Hydraulic Action –  
 Abrasion –

### Transportation:

Traction –  
 Saltation –

### Deposition: