

Learning Objective:

Examine the formation of landforms



- Compare features of the upper and middle course of a river
- Explain how meanders form
- Suggest what might happen to a meander over time

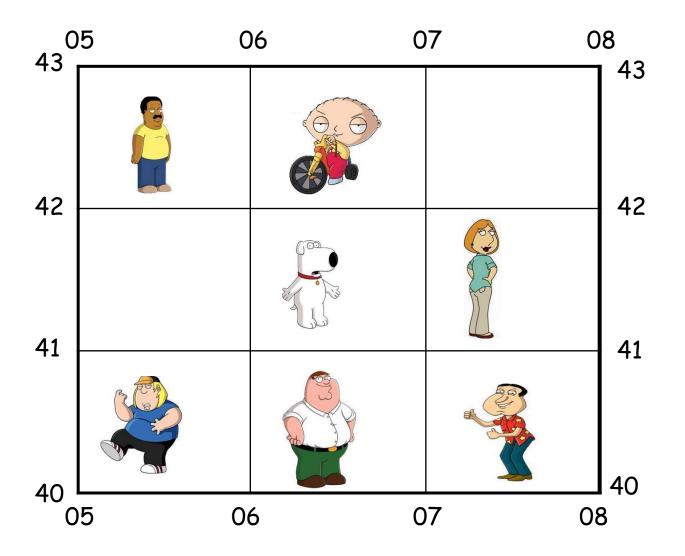
High Force Waterfall – River Tees

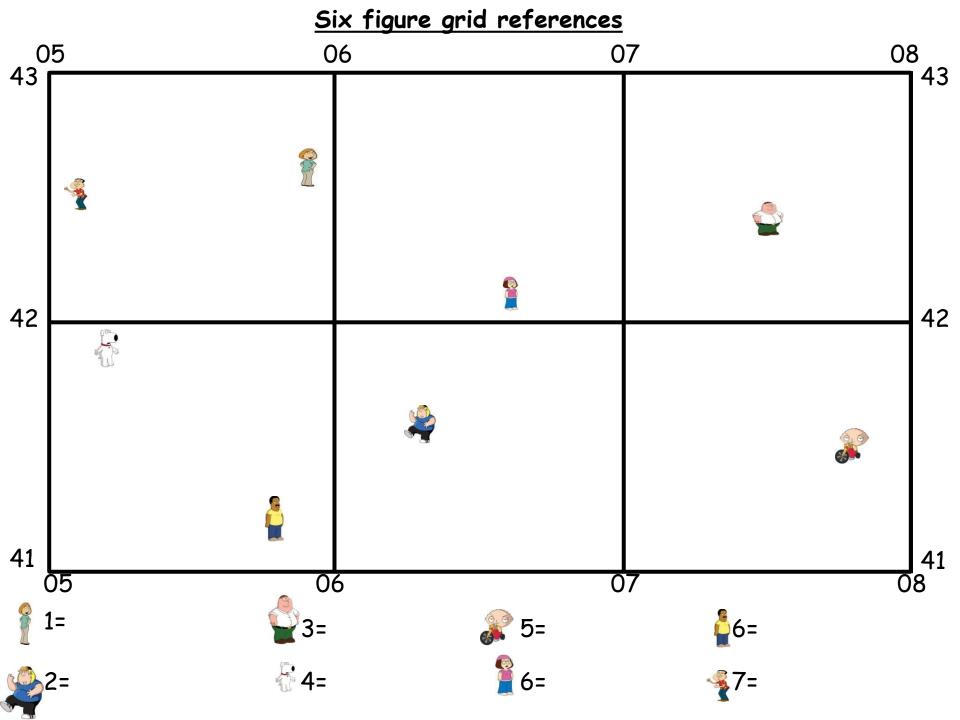


How is a rollercoaster like a bend in a river?

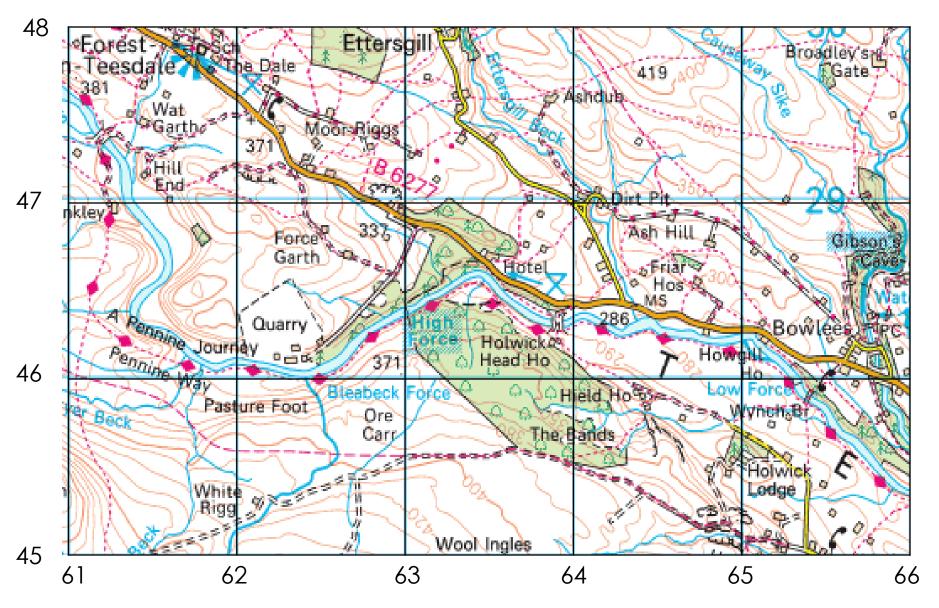


Four figure grid references





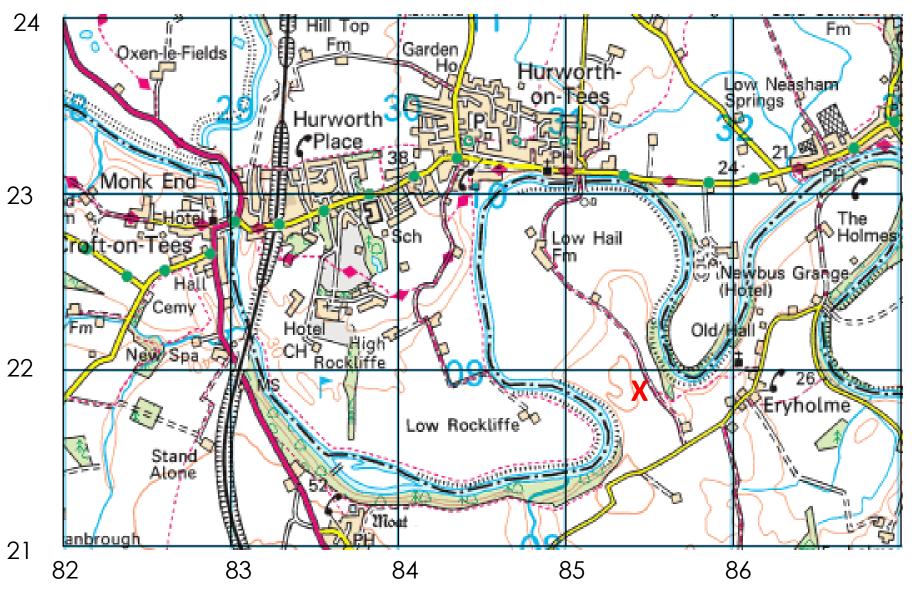
<u>Upper Course of River Tees</u>



4 figure for High Force waterfall?

Evidence of upper course?

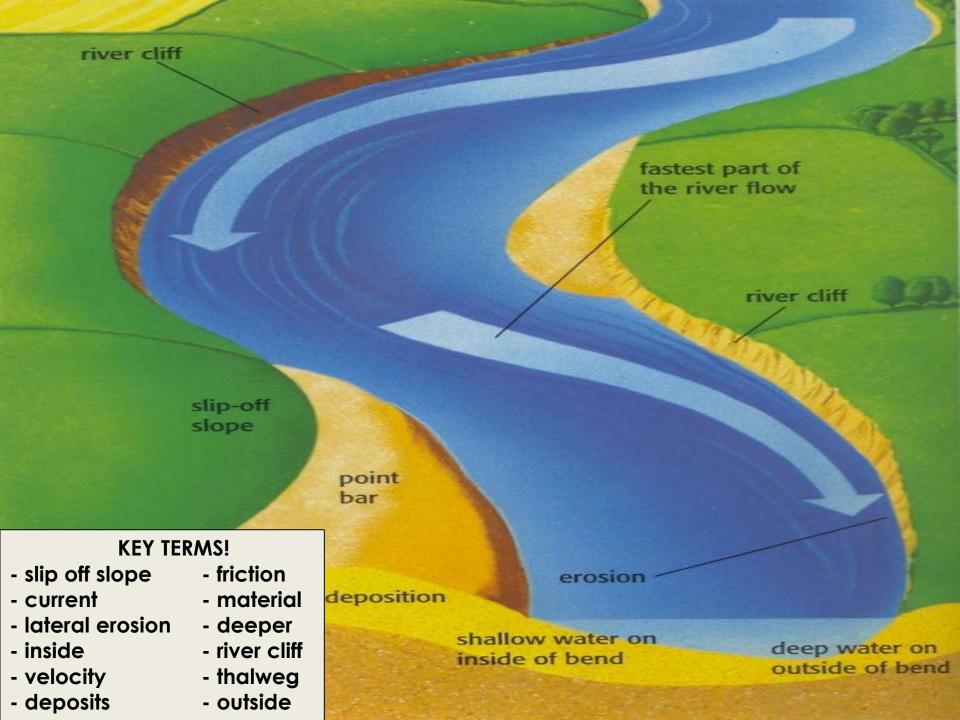
Middle Course of River Tees

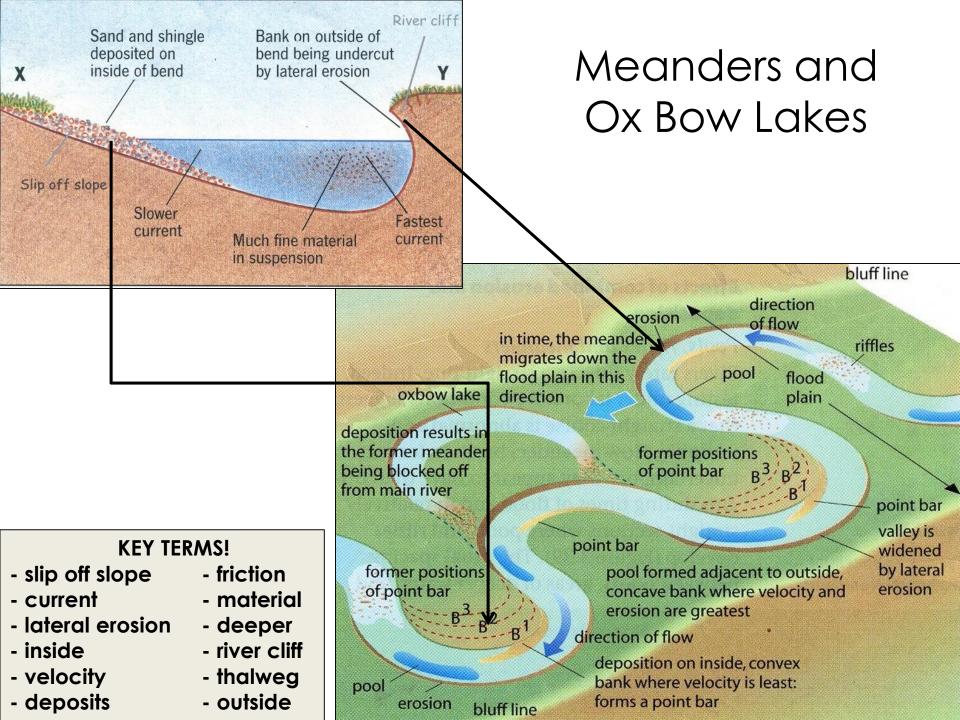


6 figure for X?

Evidence of middle course?

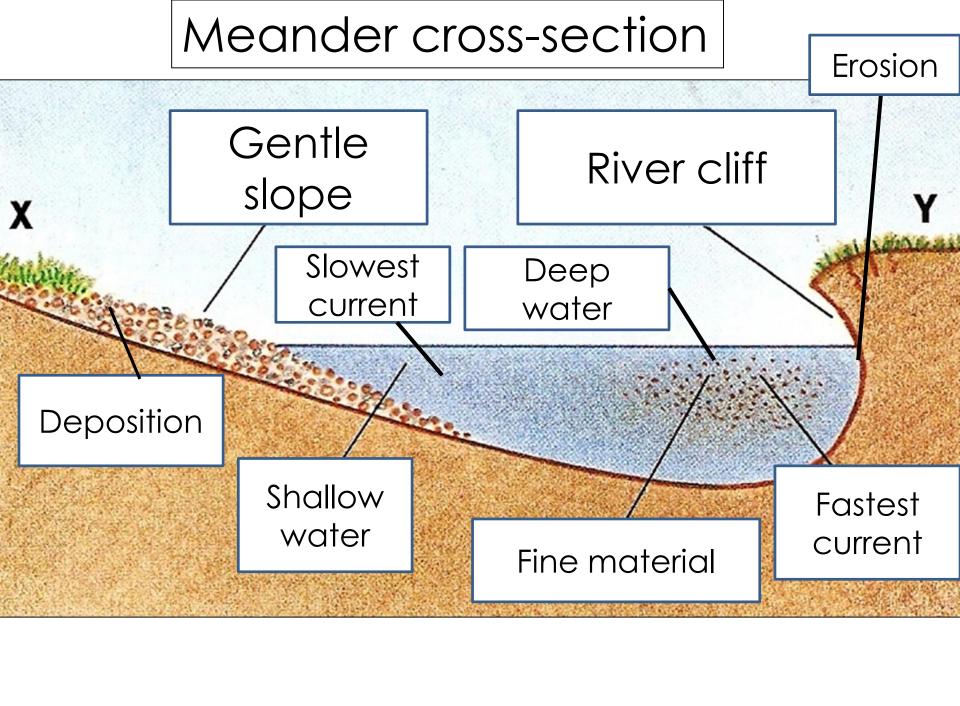






What are the key features of the middle course?





Explain how a meander is formed.

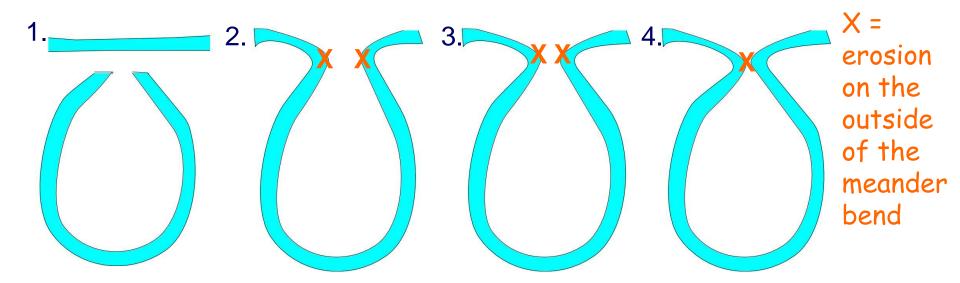
Try to include as many keywords from the list

as you can.



A meander in a river is formed when the current flow is faster on the outside of the bend because the river is deeper. There is less...

These sketches are in the incorrect order and the sequence is jumbled up, but use them as support if you wish:



- A. The river floods and erodes through the thin meander neck. The river now takes the easier, straight course. The meander loop is left as an oxbow lake.
- B. The fastest flow is on the outside bend of the meander. This fast current erodes the meander neck through the processes of erosion.
- C. The meander neck is further eroded until only a thin piece of land separates the two channels.

Annotate the river, showing ox-bow lake formation over time







