

Geography: What landforms do rivers create (part 2)?

Answer these questions as you watch the lesson.

Q1) What does the word meander mean?

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Q2) What type of erosion happens in the middle course of a river?

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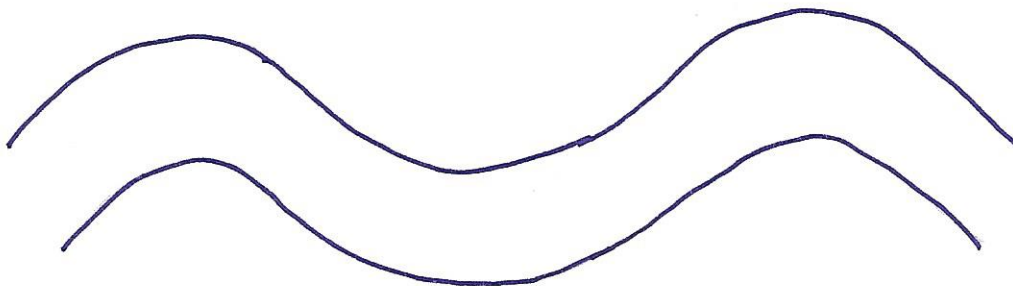
Q3) Where does most erosion happen in river bends? Circle the correct word in each sentence.

The most erosion happens on the (inside / outside) of the bend because this is where the river flows the (fastest / slowest) and has the (most / least) amount of energy.

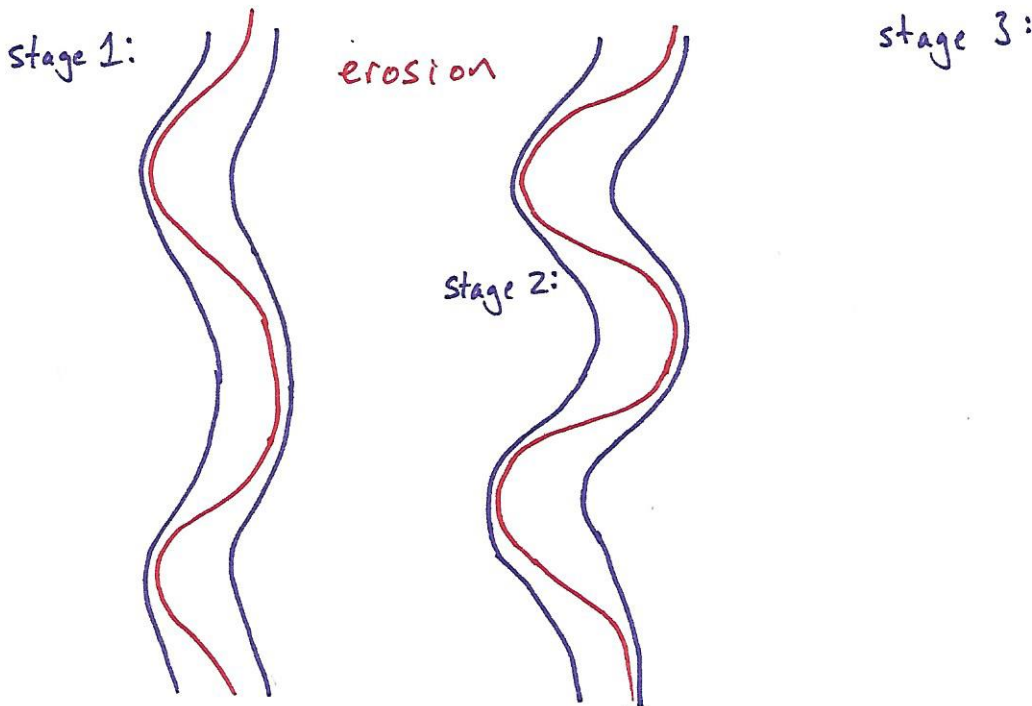
Q4) Where does the most deposition happen in river bends? Circle the correct word in each sentence.

The most deposition happens on the (inside / outside) of the bend because this where the river flows the (slowest / fastest) and has the (least / most) amount of energy. Therefore, this is where the river drops off any material it has been carrying.

Q5) Look at the diagram below. Draw on where erosion and where deposition take place (use 2 different colours).



Q6) Look at the 2 diagrams below showing how erosion and deposition have started to create meanders in the river. Draw a third diagram showing how the shape of the river would change with more erosion and deposition. What do you notice about the size of each bend?



Over time, as more erosion and deposition take place the shape of the river changes. I notice that

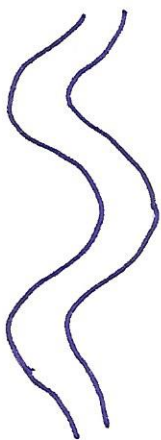
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Q7. Describe how an oxbow lake forms (written task at the end of the lesson).

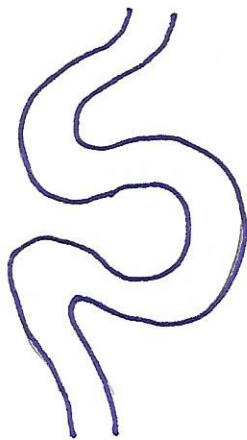
Watch the last 3 minutes of the video again, if would help. **You can compare your answer with an example model answer at the very end of the video – have a go at writing your own first.**

<p>Sentence starters which you could use:</p> <p>In the middle course of a river, the river does a lot of erosion.</p> <p>The process creates meanders by...</p> <p>Over time, meanders can get bigger causing...</p> <p>An oxbow lake forms when the river...</p>	<p>Keywords:</p> <ul style="list-style-type: none">- lateral- bends- neck- meander- narrower- river- cuts through- new path
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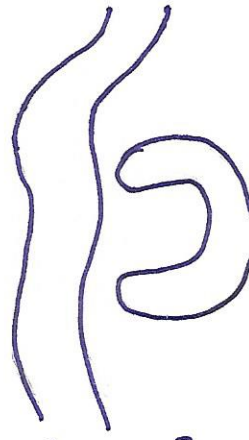
Here are some diagrams which show the process of how a river can create an oxbow lake. You can use these to help you write your explanation.



stage 1



stage 2



stage 3
