

Geography: What landforms do rivers create (part 1)?

Answer these questions as you watch the lesson.

Q1) What is a landform? Can you give an example of a landform?

.....

Q2) Name the 4 different ways in which Miss Dhillon says landforms are created?

.....

Rivers creating landforms

Q3) Name the 3 ways in which a river can create a landform

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Q4) By which process has the Horseshoe Bend in the Grand Canyon been created?

.....

Q5) By which process has the Nile Delta in Egypt been created?

.....

V-shaped valleys

Q6) How do you think V-shaped valleys are formed? (It's a prediction! Don't worry if you are not correct)

I think that V-shaped valleys are formed through erosion / deposition / transportation.

Q7) Draw a diagram of the upper course of the river, showing how **vertical erosion** causes a V-shaped valley to form (*Top Tip: there's a diagram on the video!*)

Listen carefully to Miss Dhillon. How does vertical erosion cause a V-shaped valley?

Vertical erosion causes a V-shaped valley because

.....

Q8) Draw a diagram of the middle and lower course of the river showing how **lateral erosion** makes the river channel wider. *(Top Tip: there's a diagram on the video!)*

Listen carefully to Miss Dhillon. How does lateral erosion make the river channel wider?

Lateral erosion makes the river wider because

.....

Q9) Complete the sentences using the following keywords: **lateral deepens wider further vertical**

In the part of the river closest to the source, the river does a lot of erosion, cutting into the rock. This the river channel.

In the middle and lower course of the river (..... away from the source, closer to the mouth), the river does more erosion, which makes the river channel

Interlocking spurs

Q10) Draw a diagram showing interlocking spurs in a V-shaped valley. *(top tip: there a photo on the screen)*

Q11) What are interlocking spurs?

You can use these keywords, if they help: **rocks, stick out, river, erode, hard, soft, easily**

You can watch Miss Dhillon's explanation again, if you want to. Compare your answer to Miss Dhillon's.

Interlocking spurs are.....

.....

.....

