

Features of a River

twinkl

Aim

- I can describe the key features of a river system.

Success Criteria

- I can tell you some of the features of a river's upper course.
- I can tell you some of the features of a river's middle course.
- I can tell you some of the features of a river's lower course.
- I can compare the features of a river at different points along its course.

The Life of a River



Activity

Tell your partner the life story of a river.

- Where might it be born?
- What kinds of places and events might it see along its life journey?
- Where does its life end?



The Life of a River



Do you know what any of these words mean?

- upper course
- middle course
- lower course
- valley
- channel
- waterfall
- rapids
- gorge
- meander
- tributary
- confluence
- floodplain
- levee
- delta
- estuary



The Life of a River



Rivers can be divided into three stages:

The Upper Course

Rain falling in highland areas flows downwards and collects in channels, forming a stream. As the stream continues to run downhill, it is joined by other streams and increases in size and speed. The point where two rivers join is called a confluence.

The Middle Course

As a river reaches its middle course, the fast flowing water causes erosion, which makes it deeper and wider. The river erodes left and right, forming horse-shoe like loops called meanders.

The Lower Course

In the lower course, a river is in flatland and flows slowly. The force of the water is lower than in the other stages, so the river deposits all the bits of eroded land it has been carrying with it.

The Upper Course



What is the river like along its upper course?

- Speed
- Features
- Valley shape
- Channel width



The Middle Course



What is the river like along its middle course?

- Speed
- Features
- Valley shape
- Channel width



The Lower Course



What is the river like along its lower course?

- Speed
- Features
- Valley shape
- Channel width



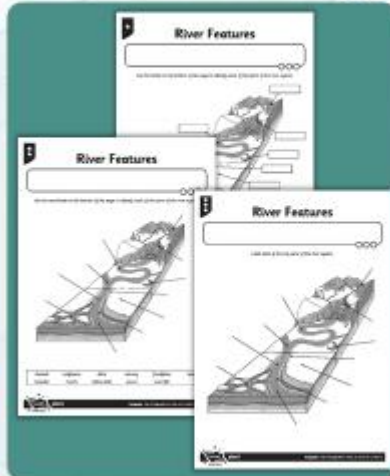
River Features



Activity

Use the features of rivers vocabulary to label the river system.

Challenge: can you describe the river during the upper, middle and lower courses? How does it change?



What's the River like There?



Where along a river's course might you find each feature?

Some words might go in more than one column!

Upper Course	Middle Course	Lower Course
valley	valley	valley
channel	channel	channel
waterfall	tributary	floodplain
rapids	confluence	levee
gorge	meander	delta
tributary		estuary
confluence		

- valley
- channel
- waterfall
- rapids
- gorge
- meander
- tributary
- confluence
- floodplain
- levee
- delta
- estuary