

River landscapes

in the UK

Contents

[Using this booklet 3](#_Toc20820493)

[Introduction to river landscapes 4](#_Toc20820494)

[Check your learning 4](#_Toc20820495)

[Rivers and river valleys 5](#_Toc20820496)

[Check your learning 6](#_Toc20820497)

[What are fluvial processes? 8](#_Toc20820499)

[Check your learning 8](#_Toc20820500)

[Check your learning 10](#_Toc20820501)

[Check your learning 10](#_Toc20820502)

[River landforms of erosion 12](#_Toc20820504)

[Check your learning 15](#_Toc20820505)

[River landforms of deposition 17](#_Toc20820507)

[Check your learning 19](#_Toc20820508)

[River management strategies 21](#_Toc20820510)

[Check your learning 24](#_Toc20820511)

[River management strategies 26](#_Toc20820513)

[Check your learning 26](#_Toc20820514)

[Check your learning 28](#_Toc20820515)

[An example of a flood management scheme in the UK 30](#_Toc20820517)

[Check your learning recording table 33](#_Toc20820519)

# Using this booklet

Welcome to the Internet Geography Work Booklet for the River Landscapes in the UK. There are a range of resources on Internet Geography to support you studying this unit. Head over to <https://www.internetgeography.net/aqa-gcse-geography/physical-landscapes-in-the-uk/> to access them.

As well as the resources in this booklet, there are a number of online quizzes to check your learning as you work your way through this booklet.

 This icon lets you know when you should attempt the online quizzes developed to support your learning and check your knowledge. Your scores should be recorded on the tracking table at the back of this booklet. It is useful to revisit the quizzes to help your learning stick.

QR codes are included throughout the booklet to support you in researching the information you need to complete the activities. You will need to download a free QR code scanner to your mobile phone or tablet. Just go to your app store and search for “QR Code scanner” and download a free one.

After each section in this booklet there is a summary page for you to record the main points for each sub-topic. We recommend you use dual coding for this. Dual coding sounds a bit complicated, however, it’s not. It simply involves combining text and images when you are studying. There are many ways you can present text and images, such as with infographics, timelines, cartoon strips, diagrams, and graphic organisers. We’ve pulled together a guide to help you do this with examples on Internet Geography. Either go to <https://www.internetgeography.net/dual-coding/> or scan the QR code below.



# Introduction to river landscapes

There are a number of key words you need to know about river landscapes.

Complete the key terms list below by adding the correct definitions.

|  |  |
| --- | --- |
| **Long profile**  |  |
| **Cross profile** |  |
| **Fluvial processes** |  |
| **Erosion** |  |
|  **Deposition** |  |
| **Transportation** |  |
| **River landforms** |  |
| **Depositional landforms** |  |
| **Hydrographs** |  |
|  **Hard engineering** |  |
|  **Soft engineering** |  |



## Check your learning

Head over to www.internetgeography.net/wb40 and complete the key word quiz. Add your score for quiz 1 on the recording sheet.

# A picture containing piece  Description automatically generatedRivers and river valleys

What is the long profile of a river?

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Produce a sketch to show the long profile of a river. Identify the upper, middle and lower course. Add a step, or waterfall to the diagram.



What is the cross profile of a river?

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Complete the table below to show and explain the characteristics of the cross profile of a river from upper to lower course.

|  |  |  |
| --- | --- | --- |
| **Sketch of cross-profile** | **Physical characteristics** | **The reasons for this is…** |
| Upper course |  |  |
| Middle course |  |  |
| Lower course |  |  |



## Check your learning

Head over to www.internetgeography.net/wb41 and complete the key word quiz. Add your score for quiz 2 on the recording sheet.

# What are fluvial processes?

What is erosion?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Complete the table below to describe the processes of erosion.

|  |  |
| --- | --- |
| **Process** | **Description** |
| **Hydraulic action** |  |
| **Abrasion** |  |
| **Attrition** |  |
| **Solution** |  |
| **Vertical erosion** |  |
| **Lateral erosion** |  |

## Check your learning

Head over to www.internetgeography.net/wb42 and complete the key word quiz. Add your score for quiz 3 on the recording sheet.

What is transportation?

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Complete the table below to describe the processes of transportation.

|  |  |
| --- | --- |
| **Process** | **Description** |
| **Traction** |  |
| **Saltation** |  |
| **Suspension** |  |
| **Solution** |  |

Draw a simple diagram to show the processes of transportation.

## Check your learning

Head over to www.internetgeography.net/wb43 and complete the key word quiz. Add your score for quiz 4 on the recording sheet.



What is deposition?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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When does a river deposit sediment?

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Annotate the diagram below to show where deposition can occur along a river.





## Check your learning

Head over to www.internetgeography.net/wb44 and complete the key word quiz. Add your score for quiz 5 on the recording sheet.