

## Journey down the River Eden

An ArcGIS Online Story Map focused on the River Eden

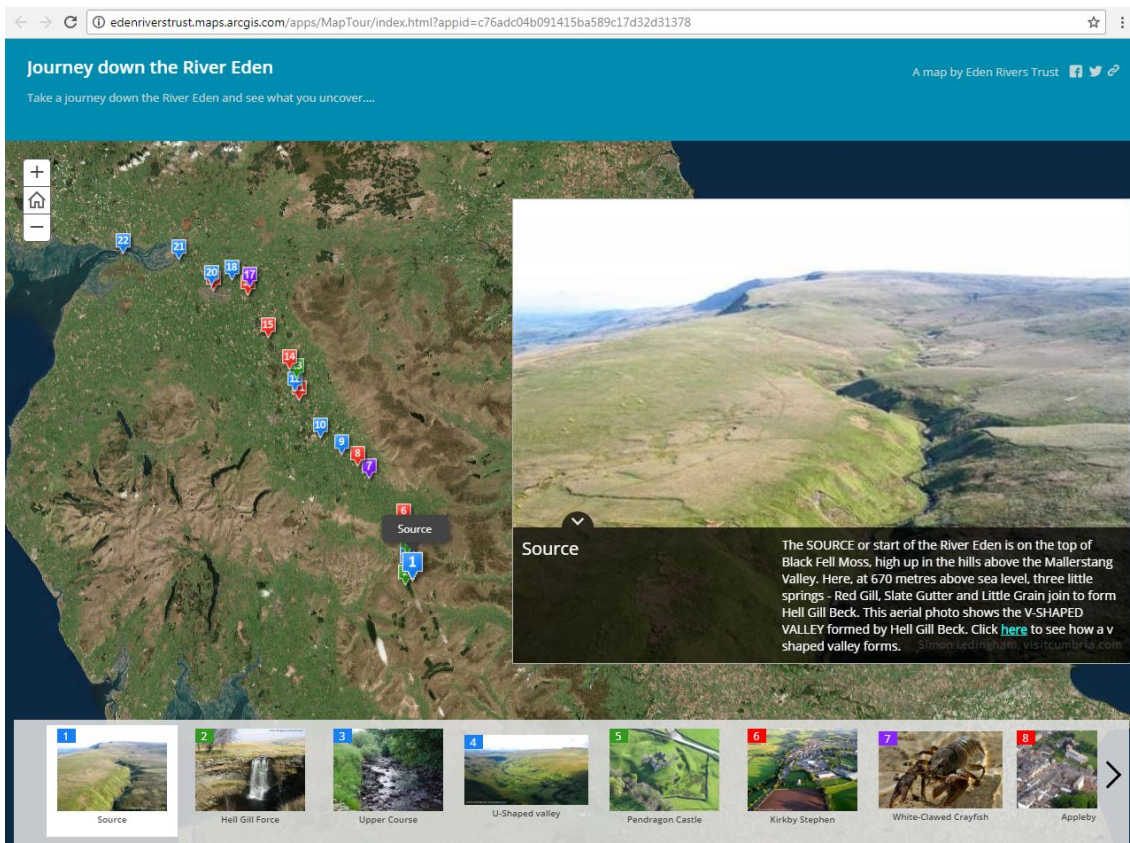
### Summary

The River Eden is one of the UK's longest and most special rivers. Follow its journey from Source to Sea using our online Story Map. Learn some river vocabulary and processes, discover some key places of interest and historical uses along it, and find out about some of the special wildlife.

Click on the link to open the Story Map: <http://arcg.is/2jmPSR7>

### Using the Story Map

When you open the Story Map you will see the screen shown below.

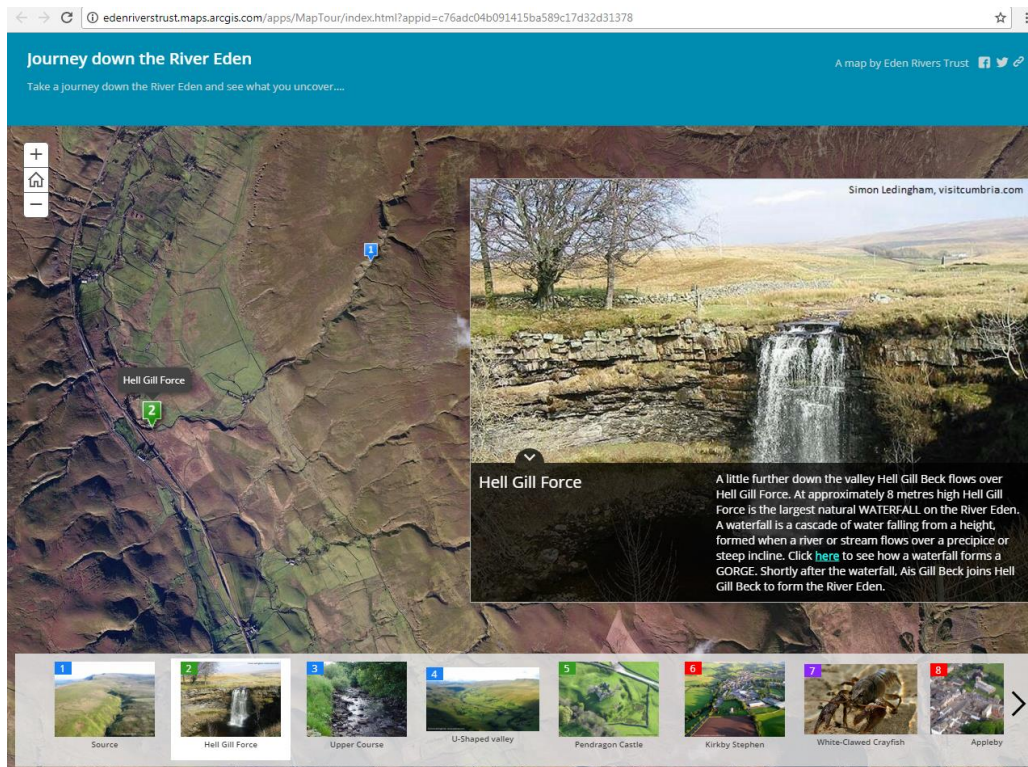


Zoom in on the map to see the area around each photo in more detail. You can do this by scrolling or using the + - button (top left)

# Student Worksheet

To move along the course of the river you can click on the small photo boxes along the bottom, use the scroll arrows within the photo, or click on the locating number on the map.

As you scroll through the photos, the map will re-position, bringing the locating number into view.



## Journey down the River Eden Story Map: Questions

Take a “Journey down the River Eden” and answer the following questions as you go.

Q1. Where is the source of the River Eden found?

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Q2. How many metres above sea level (at what elevation) is the source of the River Eden?

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Q3. How high is Hell Gill Force (in metres)?

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Q4. Name two types of valley.

Q5. In which valley is Pendragon Castle found?

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Q6. Who tried to divert the course of the River Eden?

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Q7. Why did people come to settle beside rivers in the old days? Why is this less important today?

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Q8. The River Eden has one of the UK's best populations of a particular creature. What is it called?

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Q9. Who owned Appleby Castle in the 1600's?

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Q10. What is a meander?

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Q11. Rivers constantly move and change shape. What two processes cause this to happen?

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Q12. What is a tributary?

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Q13. The River Lyvennet flows into the River Eden near which village?

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Q14. In which year did the old stone bridge at Langwathby get washed away by the River Eden?

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Q15. Who created Lacy's Caves, and what did he use them for?

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Q16. What was put on the trains at Lazonby?

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Q17. What does the name Armathwaite mean?

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Q18. Up until the 1950's how could people get across the River Eden from Wetheral to Great Corby?

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Q19. What length can Sea Lamprey grow to? What time of year do they spawn (lay their eggs)?

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Q20. The first section of a river is called the Upper Course. What are the other two sections called?

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Q21. What is a floodplain?

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Q22. Name two major tributaries that flow into the River Eden in the city of Carlisle.

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Q23. How did raw materials get from the sea to Carlisle's factories?

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Q24. What is a confluence?

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Q25. The River Eden flows into which estuary? Can you describe the features of an estuary?

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Q26. Name the seven main settlements that are found along the River Eden.

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## Journey down the River Eden Story Map - Extended Questions

- Q1. Explain the main differences between the formation of a V shaped and a U shaped valley.  
Describe the formation of a waterfall.
- Q2. Describe the main features of the upper, middle and lower course of a river.
- Q3. Describe how a meander forms and develops into an oxbow lake.
- Q4. In the old days settlements grew up beside rivers because it was an easily accessible source of water. What would people use the water for? (Give three examples and explain)
- Q5. The city of Carlisle is situated towards the end of the River Eden. Explain why so many people have chosen to live here.

This series of ArcGIS resources for Secondary Schools have been developed by Eden Rivers Trust in conjunction with The Rivers Trust with support from the Heritage Lottery Fund.  
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