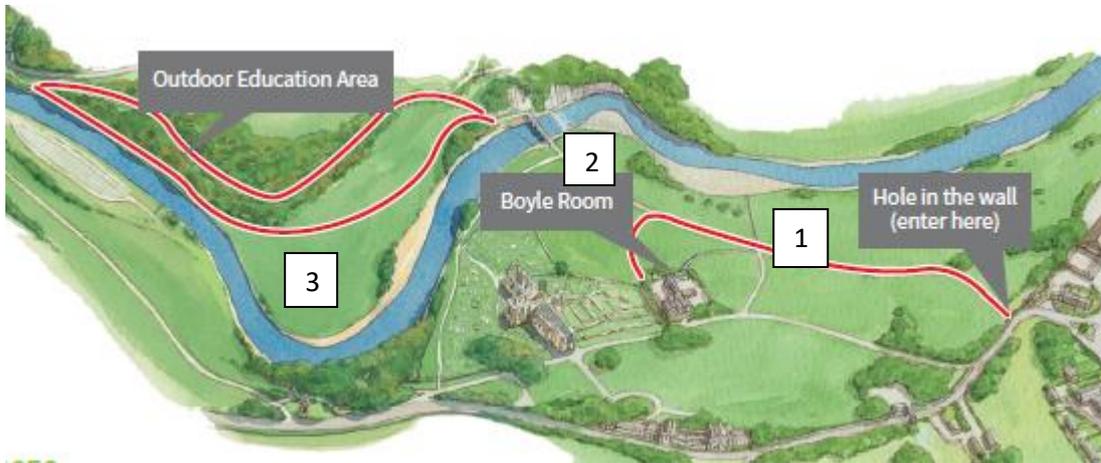


Pick up your resource pack from the Village Shop on arrival (maps and water cycle words, water cycle picture)

Words in red are on the pupil sheet



- Hole in the wall\_– go through and stand in the area at the top of the steps – please be mindful of other visitors using the steps

### What can you see?

*Think about man-made and natural features.*

*(Note the tributary running down to the river, and the valley it has carved for itself. You will look more closely at the river during the day.*

*The large hollow to the left of the path was a fishpond used by the monks, fed via an aqueduct which still stands as the archway over the road. There was a tannery and a walled garden to the right of the path. See attached historic map. Also note the farm you can see up on the hill above the river, farming plays a huge role in shaping the landscape)*

### How has the view changed over time?

*(priory and road to priory, path for tourists, bridge, river erosion, farm buildings)*

### What jobs have to be done to keep it looking like this?

*(Maintenance of buildings, priory ruins, path, bridge and walls; grass cutting, farming, litter picking, pruning of trees and plants)*

*Walk to location 2*

### Can you see any signs of erosion or deposits here, and as you walk over to the other side?

*(11<sup>th</sup> Duke had a waterfall put in on east side of river (opposite bank), further erosion has occurred. Beach on west bank)*

Walk to location 3. Look at the maps, can you identify some of the features around you using the key?

*Walk back towards the bridge, then turn left up the steep path for a great view of the river. You could continue on that path and return on the lower path by river – be aware of steep drops to river. Or you could continue on to the Cavendish Bridge (café and toilets here) and return through the car park and field for another excellent view of river from the stone seat just below the memorial fountain. Then follow the pavement and drop down past the priory to return to steps up to the hole in the wall.*

Sketch a labelled map of the river.

Words you might include: river, beach, erosion, bridge, stepping stones, meander, vegetation, grass, farm, priory, hill.

Can you show which way is North?

### Water cycle

You could walk back over the river during this activity, and gather again at location 1 or 2

How many water cycle words can you remember?

*Split group in half – hand out laminated words to pairs of children. There are 7 words each printed twice so enough for 28 children working in pairs, with a couple of 3s if you have 30.*

Look at your word and think of an action for it. Find a place around you where it is happening (you might not be able to see it) and act it out and explain it to the rest of your group.

*Each pair to find a place where their word will be happening (may not be able to see it, may be underground or in sky) Think of an action for the process and show to group while telling them what it is e.g. evaporation is water changing into gas, it's happening on the surface of the river. Move round the cycle in the order it happens ie evaporation – condensation – precipitation – run off/transpiration/percolation/groundwater flow – evaporation. Go round again for 2<sup>nd</sup> group, see if they can find slightly different examples of the processes e.g. evaporation from the river, or from a puddle; transpiration from different trees/plants.*

For more activities, book a workshop with our Education Officer Amy Garrido

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# Bolton Abbey River Wharfe

Go through The Hole in the Wall.

What can you see? (Think about man-made and natural features)

How has the view changed over time? (Think about the buildings, road, paths, river)

What jobs have to be done to keep it looking like this? (Think about the plants, buildings, farm up the hill, animals, litter)

Walk down to the river

Can you see any signs of erosions or deposits? Describe them:

Look at the maps, can you identify the features around you using the key?

Sketch a labelled map of the river.

Words you might include: river, beach, erosion, bridge, stepping stones, meander, vegetation, grass, farm, priory, hill.

Can you show which way is North?

### Water Cycle

How many water cycle words can you remember?

With a partner, pick a word from the water cycle bag.

Think of an action for the word. You will act out the cycle as a group.