



RIVERS AND WATER (BGE)

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S1 to S3

Time: 9.30am to 12.45 pm/2.15 pm

Price: £6.00

Pupils engage in geography field studies along the Water of Leith as well as examining water quality through freshwater invertebrate sampling. They learn about land use and conservation issues along all stages of the river, as well as the work we do at the Water of Leith Conservation Trust to protect the river.

Curriculum Links

This interdisciplinary programme explores the river in the ancient woodlands of The Dells. Pupils identify river features and conduct experiments to measure river velocity and map the river bed. They investigate the health of the river through freshwater invertebrate sampling and learn about the rich history of the river as well as conservation issues the river is facing today.

I can monitor the environment by collecting and analysing samples. I can interpret the results to inform others about levels of pollution and express a considered opinion on how science can help to protect our environment. SCN 4-18a

I can identify the possible consequences of an environmental issue and make informed suggestions about ways to manage the impact. SOC 3-08a

I can discuss the sustainability of key natural resources and analyse the possible implications for human activity. SOC 4-08a

On the Day

The class conduct field studies up stream in the ancient woodlands of the Craiglockhart Dells. They will collect data at three different sites. Geographical data includes total width, bankfull width, wetted perimeter, graphing the river depth, velocity, gradient, bed load, friction, and field sketches. Biological data includes freshwater invertebrate sampling for pollution, if the teacher wants to include it.

All adults and children should come dressed for the weather in comfortable outdoor clothing with sturdy footwear that they don't mind getting muddy. All pupils entering the river will need to wear wellies or waders. If you would like to borrow wellies, it saves a lot of time on the day if you send any welly sizes to the education officer in advance.

The class returns to the Centre by 12.45 pm and they are welcome to stay on in the classroom to eat lunch before returning to school. However, in order to collect three sets of data classes are encouraged to stay until 2.15 pm to collect the third set.

Bookings

To book a programme, please call Outdoor Learning Officer Ruth Prince or Trust Administrator Kat Kane on 0131 455 7367 or email admin@waterofleith.org.uk. Spaces fill up quickly during the summer and autumn terms, so book early to avoid disappointment.

Water of Leith Conservation Trust
at the Water of Leith Visitor Centre
24 Lanark Road—Edinburgh—EH14 1TQ

admin@waterofleith.org.uk
0131 455 7367

Get there using public transport by
boarding the Lothian buses 20, 34 or 44.

Or get there on foot by following
the river walkway or the canal towpath.

Website: www.waterofleith.org.uk

Facebook and Instagram:
Water of Leith Conservation Trust

Twitter: @WOLCT