



ENVIRONMENTAL SCIENCE

Environmental Science

S4 to S6

Time: 9.30am to 12.45pm/2.15 pm

Price: £6.00 per pupil

This programme examines the environmental issues we as a conservation charity experience on the Water of Leith. The class engages in a guided walk with examples and field studies along the river and Union Canal to look at water quality and pollution, managing invasives, and promoting biodiversity.

On the Day

The outdoor learning officer introduces the class to environmental issues on the river, exploring the plants and animals on the river, the human history of the river and the work of the Trust to manage the river with partner agencies. The following topics are included: pollution, biological oxygen demand, ecological balance, habitat disruption, indicator species, sampling, kick samples. The education officer leads the class on a guided walk along the river and the Union Canal where the class interprets data from a pollution 'hotspot;' kick samples to survey water quality; and surveys the presence of an invasive plant (this varies according the time of year).

All adults and pupils 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. 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. For pupils aged 16 upwards we have some waders which they are welcome to borrow.

The class returns to the Centre by 12.45 pm and there is the option to extend the programme to 2.15 pm if the class wishes to do a more detailed analysis of their kick samples in the classroom.

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