



BIOLOGY FIELD STUDIES

Biology Field Studies

S4 to S6

Time: 9.30am to 1.45pm

Price: £5.00

This programme gives senior stage pupils an opportunity to develop freshwater and terrestrial field study techniques in the Craiglockhart Dells.

Curriculum Links

National 5: Life on Earth: sampling techniques and measurement of abiotic and biotic factors

Higher: develop scientific inquiry and investigative skills; develop problem-solving in a biology context

Advanced Higher: Organisms and Evolution. Field Techniques for Biologists

On the Day

Pupils are introduced to the practical application of field studies and well as the risks of working outside. They then spend the morning participating in different forms of sampling techniques. These include direct and indirect sampling of otters on the river via camera traps and spraints, freshwater invertebrate sampling as an indication of water quality, and a meadow transect study using three different methods of transect/quadrat sampling. After lunch the pupils use microscopes and keys to identify freshwater invertebrates to species level.

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. 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.

Bookings

To book a programme, please call our teacher Ruth Prince or our administrator Sandie Boyle 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