



TANAGH

Outdoor Education & Training Centre

Junior Cert. Science Ecology



Woodland Ecology and Conservation Canoe Paddle

*This one day course investigates **native woodland habitat** and the transition to woodland grassland. The **Canoe Paddle** makes an exciting second half to the day and helps participants reflect on how they can reduce their environmental impact using Leave No Trace conservation principles. The following timetable represents a typical day but courses can be tailored to meet the specific needs of your group. Most of the day is outdoors so **dress warmly, bring hat, gloves, extra fleece, wellingtons and rain jacket.***

10am Arrival at Tanagh OETC Field Studies Classroom.

- **Short Introduction to Ecology:** Divide into teams. Each team is given the necessary ecological survey equipment.
- **Survey Flora & Fauna:** Check for large mammal tracks and traces. Sweep ground vegetation for bugs. Use beating tray to capture creatures from shrub layer. check pitfall traps. Check moth trap. Check small mammal traps. Survey meadow and woodland plants including wildflowers, grasses, trees, mosses, Ferns and fungi. **Key and identify species found**
- **Belt Transect** In the transition between open grassland and woodland abiotic factors and biotic factors are investigated.
- **The Pond:** The pond habitat is surveyed using freshwater nets, large plastic trays and a grappling hook for water weeds.

1pm Lunch

1.30pm Canoe Paddle: Put the **Leave No Trace** principles of environmental conservation into practice during our canoe heritage trail. Make a Leave No Trace campfire upriver. Look out for wildlife including waterbirds, kingfisher, heron, ducks and cormorants. Make a log of any sightings. Identify common water plants.

4.00-4.30pm Return to Tanagh OEC. Change and shower if necessary. Depart.



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Bord Oideachais agus Oiliúna
an Chabháin agus Mhuineacháin
Cavan and Monaghan
Education and Training Board

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