

# BRECON BEACONS NATIONAL PARK

## Brecon Beacons National Park Education Service

Craig-y-nos Country Park

## Biodiversity – Investigating Minibeasts KS2 Science



### Learning Objectives

During this day course pupils should learn :

To identify the key features of contrasting habitats

To make predictions about the types of minibeasts to be found in different habitats

How minibeasts may be grouped by observable features and identified using keys

To use a variety of equipment to sample habitats and to collect minibeasts

To observe and to record minibeasts found in different habitats

That plants and animals in a habitat are interdependent and are adapted to their environment

To treat minibeasts with care and sensitivity and to release them into their habitat

To gain an appreciation of the natural environment and the importance of natural habitats

### Day course programme

Where a large group is attending the course the introductory session will be common to all. Classes will then be separated and sessions A and B will be interchangeable AM and PM.

**Introduction** : On arrival a member of the education team will welcome your group to the park and, following a brief introduction to the Brecon Beacons National Park, describe the day's programme. There will be an illustrated presentation about minibeasts and their adaptations to their environment.

**Session A – Freshwater Minibeasts** : This session takes place in the Country Park. Through exploration, discussion and investigation pupils will gain an understanding of the variety of life in water. Practical sessions will include river dipping and identifying the species found using microscopes and freshwater keys.

**Session B – Woodland Minibeasts** : This session takes place in the diverse woodlands of the Country Park. Pupils will investigate two habitats : pinewood and the beech wood. Minibeasts will be identified according to their adaptations. The numbers and varieties of species will be recorded and their habitat preferences will be considered.