

KS3 Ecosystems Invertebrates



About the programme

This biology based programme looks at relationships within ecosystems, with this version of the programme using invertebrates as the focus.

Students will learn about

- The interdependence of organisms in an ecosystem
- How organisms affect, and are affected by, their environment
- Effective species identification and how a species is specifically suited to its environment.

They will use fieldwork skills in contrasting locations to collect, analyse and draw conclusions from data, using multiple sources of information.





Ecosystems - Invertebrates

Learning activities

To introduce the session, we will complete a 3D ecosystem web to illustrate how species within an ecosystem are dependent upon each other.

The students will be introduced to the kit we will use for hunting land and water invertebrates.

We will then compare species that can be found on land with those that live underwater. We will pond dip to find underwater invertebrates, looking closely at their features and identifying where they sit in the food chain. We will use sweep nets and tree shaking / soil sieving to find and identify land invertebrates.

We will also consider the impact that humans have on the habitat of particular species, and how we can modify our behaviour to help invertebrates to thrive.



Accessibility

Our Learning Hub is accessible for wheelchairs or those with limited mobility. We have child, adult, and accessible toilets. Our accessible toilet is a large space fitted out to full DDA requirements. This facility also has an adjustable bed with a powered hoist. The centre itself has gentle, flat walkways around the lakes, providing accessible routes so that everyone can enjoy the reserve,



Vicky Broad

Want to know more?

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