



## Key Stage 2

**Our Key Stage 2 programmes help children take their next steps into the wonderful world of wildlife through activities designed to inspire creativity, teamwork and interaction with nature.**

Our education programme is delivered at our two private nature reserves, Nower Wood and Bay Pond, and led by experienced staff who are first aid trained and DBS checked to give you peace of mind and your class a unique immersive experience. Choose two of our half day sessions to make up your visit. A day typically runs from 10:00 – 14:15 including a break for your packed lunch.

 Science  Geography  Maths  Art  Literacy  PE  IT

### Evolution & Inheritance

Half Day



Follow in the footsteps of great scientists and go minibeast hunting, sketch creatures in the field and walk Darwin's 'thinking path'. Using enquiry-based learning, each student will make their own records and observations to answer their questions about the natural world. The class will compile a 'Field Notebook' to take back to school as a springboard for further work on adaptations.

### Woodland Survival

Half Day



In this fun-filled learning experience, the children are taught basic survival skills on a journey through the wood and enjoy various activities along the way. They explore nature's compasses, communicate over long distances, camouflage themselves, experience an imaginary overnight trek, build shelters from natural materials and much, much more!

### Habitat Investigation

Half Day



This session is a great way to find out more about our natural habitats and gain hands-on experience of a range of geography field work skills. The children are introduced to habitat mapping, taking measurements, field sketches and data recording. The focus can be on soils or microclimates enabling them to compare and contrast different habitats.

### Sticks and Stories

Half Day



Let the outdoors inspire creativity. The children will use Forest School style skills and tools to create characters and props which will form the basis of their stories. They will explore their natural surroundings and use what they have found for storytelling and creative writing.

### Pond Life

Half Day



Pond dipping engages and excites children of all ages and with the addition of our amazing video microscopes we can look at aquatic invertebrates in a level of detail you've never seen before! Our hands-on sessions are tailored to the curriculum requirements for the year group and are the perfect introduction to food chains, life cycles, the Linnaean classification system, and adaptations to life in the water.

### Orienteering

Half Day



Only available at Nower Wood. We start with an introduction to teach the children all they need to know about compasses and setting a bearing – a skill that lasts a lifetime. They then set off in small groups to make their way around the orienteering route, putting their skills into practice, collecting clues about a mystery animal and discovering more about the woodland habitat as they go.



## Minibeast Safari

Half Day



Minibeasts provide a perfect introduction to the diverse world of animals. Children will use keys to identify the invertebrates they find in a range of habitats, observing them closely and learning about where they live and what they eat. Our hands-on sessions are tailored to the curriculum requirements for the year group and are the perfect introduction to food chains, life cycles, the Linnaean classification system and adaptations to different habitats.

**Why not combine Pond Life and Minibeast Safari into a jam-packed, full day of magnificent minibeasts?**

**Evolution and Inheritance combined with Pond Life or Minibeast Safari also gives the children an in depth look at adaptation.**

## Plant Detectives

Half Day



Become a plant detective! With lively games and activities we will establish the functions of each part of a plant, build our own identification key and learn how to identify a range of plant species around our reserves. The children will then take on the challenge trail and test their new knowledge so that by the end of the day they will go home with a good grasp of the names and characteristics of a variety of key species. At Nower Wood we will focus on trees and at Bay Pond we will identify a range of common flowering plants.

**Why not combine Plant Detectives and Plant Scientists for a full day of botanical discovery?**

## Plant Scientist

Half Day



Discover the life-cycle, structure and function of plants and become a plant scientist! Through exciting team games we will follow the journey of a plant from seed to fruit. As we explore the reserve, we will use hands-on activities to understand the structure and function of each part of a plant, as well as learning about important processes including seed dispersal, germination and pollination.

## Treasure Hunt

Half Day



**Nower Wood only**

The treasure hunters are equipped with pirate scarves and treasure maps before setting off on a big adventure around the wood to find the treasure. The children use problem-solving skills along the way, discovering where to go on their maps to find the next clue. No treasure hunt would be complete without a sword fight and walking the plank!

## Map and Compass

Half Day



Learn skills for life with our Map and Compass session! Begin by finding your location and interpreting key symbols on OS maps of different scales, and then use our 3D models to understand contour lines and the topography of the land. Take it further with 6 figure grid references and 8 point compass directions before testing your new skills on our adventure challenge trail!

## GIS: Dormouse Study or Village Study

Half Day



**Nower Wood:** a woodland study investigating dormice habitat

**Bay Pond:** a village study looking at the human geography of Godstone

Geographical Information Systems (GIS) are increasingly important in the modern world, and this is being reflected in the geography curriculum. Give your students a hands-on introduction to GIS by collecting real data, generating maps and interpreting results. This session makes GIS simple and accessible for all.

## Art in the Woods

Half Day



Join us on a nature walk, collecting natural items and appreciating the beauty of the natural world as we go. The children transform the collected items into various forms of wonderful art using inspiration from established artists, their own imagination and what they have seen in the environment. This session works all year around, but even better in the autumn to take advantage of the lovely colours. Don't forget to bring your camera!

