

<b>Pond and woodland life</b>	<b>Years:</b> KS1/KS2	<b>Total Duration:</b> 2 hours
<i>Compare and contrast different creatures that live in ponds and the wood. Learn about their lifecycles and their needs.</i>	Science Unit 1B Growing plants Science Unit 2B Plants and animals in their local environment Science Unit 2C Variation Science Sc1 (Scientific Enquiry) 2b/e/f/h Science Sc2 (Life processes and living things) 1a-c, 2b/e/g, 3a-c, 4a/b, 5a-c Science Sc3 (Materials and their properties) 1a-c	
<b>Intended Learning Outcomes</b> <ul style="list-style-type: none"><li>List the resources animals need to survive – shelter, water, air and food</li><li>Explain that a habitat is a home</li><li>Understand the differing lifecycles of animals</li><li>Understand that different animals are found in different places</li><li>To make careful observations of differences and similarities between minibeasts and how to use these to sort animals into groups using simple features</li></ul>		
<b>Programme Summary</b> <p>The session gives pupils an opportunity to discover two different contrasting habitats, pond and woodland. The illustrated talk in the centre will cover what animals need to survive, discuss the terms habitats and lifecycles, and the groups of minibeasts that live in the two habitats and their special features. The children will walk up to the wildlife area to explore the habitats. Here the group will be split into two: one half will do pond dipping with the Ecology member of staff whilst the other half is doing a minibeast hunt. The group will swap after about half an hour. The centre has ID sheets and keys to help identification in the field. Worksheets are available on request</p> <b>Session outline</b> <ul style="list-style-type: none"><li>Short introductory talk about the Ecology Centre</li><li>Time for the children to look around the centre</li><li>Talk/discussion on pond and woodland life and how to do a minibeast hunt &amp; pond dipping.</li><li>Walk to wildlife area – H&amp;S talk with the children at the gate</li><li>Pond dipping - Ecology staff led</li><li>Minibeast hunting - School led</li><li>Walk back to the centre, washing hands</li><li>Plenary recapping of session objectives</li></ul>		
<b>Previsit Preparation</b> <p>It helps to brief the children before a visit. Talk through the activities that they will be doing and discuss key vocabulary. What do all animals need to survive? Where do animals live? What are woodland and pond? What animals might live in a wood or a pond? What is a minibeast? Where do minibeasts like to live? What minibeasts do they know?</p> <p>Possible teaching ideas, ID and background information on minibeasts can be found in our pond and minibeast packs on our website.</p> <p style="text-align: center;"><b>If you have not visited the centre before a previsit is essential.</b></p>		
<b>Previsit ideas</b> <p>Work on woodlands and ponds and what a minibeast is would be of benefit.</p> <p>Minibeast hunt in school grounds</p>	<b>Post visit ideas</b> <p>Drawing or model of their favourite minibeast</p> <p>Class work on differences and similarities of minibeasts and humans</p> <p>Research on different minibeasts</p>	
<b>Organisation, roles and responsibilities for led sessions</b>		
<i>Adult helpers</i> <p>Read activity instructions.</p> <p>Lead activities with their group.</p> <i>Class teacher</i> <p>Organise adult helpers to support the trip.</p> <p>Brief adult helpers and pupils.</p> <p>Organise the class into smaller groups, approximately five pupils with one adult helper for each.</p> <p>Maintain overall responsibility for class management.</p>	<i>Ecology Centre staff</i> <p>Lead session.</p> <p>Introduce and discuss topic with the class.</p> <p>Lead class to and from the wildlife area.</p> <p>Support group activities.</p> <p>Liaise with class teacher over timing and content of session.</p>	