

Session Outline

KS1: Pond Investigations (April - October)

This outline is a general guide for what to expect during your session with us. Activities and session structure may vary depending on weather conditions and other circumstances.

National Curriculum links: KS1 programmes of study – Science: working scientifically, animals, living things and their habitats		
Learning Objectives	Session outline	Evaluation of Learners progress
<ul style="list-style-type: none"> • Observing closely, using simple equipment • Use simple features to compare living things and, with help, decide how to sort and group them • Identify and name a variety of common plants and animals in their habitats • Identify that most living things live in habitats to which they are suited • Learn about simple lifecycles 	<p>Introduction The class will have a brief welcome and introduction to the day. We will discuss what living things live in and around freshwater. We will also look at simple life cycles.</p> <p>Activities The children will use equipment to go pond dipping. They will use keys to identify what they've caught and find out what stage of life it's in. We will look at the different characteristics, including movement, of the creatures we come across and think about how this makes them adapted to suit their environment.</p>	<p>To include: Discussion with children before, during and after the visit. Photographs (including photographs of their created adaptation creatures) which you may take for post visit discussions, displays and activities</p>
Pre Visit activities	Post Visit activities	Relevant activity risk assessments
<p>Introduce the topic of ponds by discussing why we need ponds- why did villages develop around ponds? – Drinking and cooking, washing, to put out fires, livestock drinking areas.</p> <p>Ask pupils if they know the names of any creatures they might find in a pond. Get the pupils to predict what the differences between the appearance of pond mini-beasts and those on the land may be. E.g. no wings, big feet to paddle with, gills to aid breathing.</p>	<p>Use the internet (e.g. www.bbc.co.uk/nature/life/Great_Crested_Newt and our website- www.theparkstrust) to find out about endangered species of Newts in our ponds and what is being done in Milton Keynes and nationally to help protect them.</p>	<ul style="list-style-type: none"> • Guided walks for schools • Pond dipping • Games