


Session title	Minibeast Safari (Classification) - see below for habitats version	
Key question	Which types of animals live here?	
Session description	<p>Explore different habitats. Identify the creatures found there and compare their structure and behaviour. Which animals live in which micro-habitats and how do these habitats provide for their needs?</p> <p><i>Sessions can be adapted to suit your needs, with more of a focus placed on either classification or habitats.</i></p>	
Key Stage suitability	KS1	
Duration	60 minutes	

Curriculum links	<p>KS1 Science</p> <p>Year 2</p> <ul style="list-style-type: none"> <li>▪ Living things and their habitats <ul style="list-style-type: none"> <li>○ Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other</li> <li>○ Identify and name a variety of plants and animals in their habitats, including microhabitats</li> </ul> </li> </ul>		
Learning outcomes	All learners		More able learners
	<ul style="list-style-type: none"> <li>▪ Will be able to use equipment safely and effectively to collect minibeasts</li> <li>▪ Will be able to group animals based on observable characteristics</li> <li>▪ Will be able to use a branching key to identify common invertebrates</li> </ul>		<ul style="list-style-type: none"> <li>▪ Will be able to describe features of a taxonomic class (Arachnids, Insects and Crustaceans etc.)</li> <li>▪ Will be able to identify what taxonomic class different minibeasts belong too</li> </ul>
Key vocabulary	<ul style="list-style-type: none"> <li>▪ Invertebrates</li> <li>▪ Vertebrates</li> <li>▪ Classification</li> <li>▪ Adaptations</li> </ul>	<ul style="list-style-type: none"> <li>▪ Abdomen</li> <li>▪ Thorax</li> <li>▪ Crustaceans</li> <li>▪ Arachnids</li> </ul>	<ul style="list-style-type: none"> <li>▪ Molluscs</li> <li>▪ Myriapods</li> <li>▪ Insects</li> <li>▪ Worms</li> </ul>

Session Outline	Time
Introduction	5 mins
A quick introduction to the session and what will be covered.	
Section 1: Mini-beast classification game	10 mins
Learners will have a go at grouping various invertebrates, and learn how scientists classify them.	
Section 2: Introduction to collecting mini-beasts	5 mins
Learners will be shown how to collect and observe minibeasts safely without causing them harm.	
Section 3: Mini beast collection	20 mins
Learners will collect mini-beasts using equipment as shown	

Section 4: Observation, investigation and recording	10 mins
Learners will identify collected specimens and decide which group they belong to.	
Plenary	10 mins
Groups will be invited to share their findings with other groups	

Session title	Minibeast Safari KS1 (Habitats) - see above for classification version
Key questions	How does this habitat provide for creatures needs?
Session description	<p>Explore different habitats. Identify the creatures found there and compare their structure and behaviour. Which animals live in which micro-habitats and how do these habitats provide for their needs?</p> <p><i>Sessions can be adapted to suit your needs, with more of a focus placed on either classification or habitats.</i></p>
Key Stage suitability	KS1
Duration	60 minutes

Curriculum links	<p>KS1 Science</p> <p>Year 2</p> <ul style="list-style-type: none"> <li>▪ Living things and their habitats <ul style="list-style-type: none"> <li>○ Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other</li> <li>○ Identify and name a variety of plants and animals in their habitats, including microhabitats</li> </ul> </li> </ul>		
Learning outcomes	All learners		More able learners
	<ul style="list-style-type: none"> <li>▪ Will be able to use equipment safely and effectively to collect minibeasts</li> <li>▪ Will be able to identify at least one minibeast found in a wetland</li> <li>▪ Will be able to describe features of a habitat, including what types of food or shelter might be found</li> </ul>		<ul style="list-style-type: none"> <li>▪ Will be able to relate the needs of an invertebrates to its habitat</li> <li>▪ Will be able to describe why it is important to create and look after habitats</li> </ul>
Key vocabulary	<ul style="list-style-type: none"> <li>▪ Invertebrates</li> <li>▪ Vertebrates</li> <li>▪ Classification</li> <li>▪ Adaptations</li> </ul>	<ul style="list-style-type: none"> <li>▪ Abdomen</li> <li>▪ Thorax</li> <li>▪ Crustaceans</li> <li>▪ Arachnids</li> </ul>	<ul style="list-style-type: none"> <li>▪ Molluscs</li> <li>▪ Myriapods</li> <li>▪ Insects</li> <li>▪ Worms</li> </ul>

Session Outline	Time
Introduction	5 mins
A quick introduction to the session and what will be covered.	

Section 1: Mini-beast classification game	10 mins
Learners will have a go at grouping various invertebrates and learn how scientists classify them. They will think about what these creatures need in order to survive and in which micro-habitats they might be found.	
Section 2: Introduction to collecting minibeasts	5 mins
Learners will be shown how to collect minibeasts safely without harming them.	
Section 3: Minibeast collection	20 mins
Learners will collect minibeasts using equipment as shown.	
Section 4: Observation, investigation and recording	10 mins
Learners will identify collected specimens. They will choose one creature and answer the following questions <ul style="list-style-type: none"> <li>○ Which animal did you catch?</li> <li>○ Where does the animal live?</li> <li>○ What does the animal eat?</li> <li>○ How does the animal keep itself safe?</li> <li>○ How does the animal breathe?</li> </ul>	
Plenary	10 mins
Groups will be invited to share their findings with other groups. We will discuss how the creatures have adaptations to the specific microhabitat where they were found.	