

Session title	Birds, beaks and feeding techniques	
Key Q	How are birds adapted to find and eat different foods?	
Session description	Explore how different birds have evolved adaptations for varying diets and ways of feeding. Observe birds as they feed, from diving ducks to grazing geese. What is it about each bird than enables it to feed the way it does?	
Key Stage Suitability	KS2	
Duration	35 minutes	

Curriculum links	<p>KS2: <a href="#">The World Around Us</a></p> <p>Independence:</p> <ul style="list-style-type: none"> <li>How living things rely on each other within the natural world</li> </ul> <p>Place:</p> <ul style="list-style-type: none"> <li>Ways in which people, plants and animals depend on the features and materials in places and how they adapt to their environment</li> </ul> <p>Change over time:</p> <ul style="list-style-type: none"> <li>How change is a feature of the human and natural world and may have consequences for our lives and the world around us</li> <li>The effects of positive and negative changes globally and how we contribute to some of these changes.</li> </ul>		
Learning outcomes	<b>All learners</b>		<b>More able learners</b>
	<ul style="list-style-type: none"> <li>Recognise what birds might do to attain food items.</li> <li>Recognise the movement, shape and physical attributes of various birds.</li> <li>Compare / contrast e.g. the differences between types of bird.</li> <li>Appreciate that the birds are different because each finds differing food in different ways.</li> </ul>		<ul style="list-style-type: none"> <li>Understand the feeding behaviour of birds.</li> <li>Interpret what could be the reason for these different feeding strategies.</li> <li>Explain in detail how is an animal adapted to find its food.</li> </ul>
Key vocabulary	<ul style="list-style-type: none"> <li>Feeding Adaptation</li> <li>Dabbling</li> <li>Diving</li> <li>Up-ending</li> <li>Grazing</li> </ul>	<ul style="list-style-type: none"> <li>Feeding strategy</li> <li>Competition</li> <li>Habitat</li> <li>Algae</li> <li>Invertebrates</li> </ul>	<ul style="list-style-type: none"> <li>Grasses</li> <li>Eel Grass</li> <li>Ducks</li> <li>Geese</li> <li>Swans</li> <li>Waterfowl</li> </ul>

Session Outline	Time
Introduction	5 mins
Guide introduces the key question. Brief introduction to class about observational team challenge/feed.	
Activity 1: <a href="#">Feeding observation challenge.</a>	10 mins
Two groups are formed with spokespersons chosen by teacher and guide introduces concept and sets observational challenge. For 10 minutes, the groups observe the birds in the collection feeding.	
Activity 2: <a href="#">Group feed-back</a>	10 mins

Guide takes spokesperson aside from each group and receives answers to challenge.	
Plenary	5 mins
Guide announces winning team and shares the answers reinforcing the science behind the challenge.	