

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	1 hour	

Curriculum links	Year 3: Science (Animals including humans) - Identify that animals, including humans, need the right types and amounts of nutrition, and that they cannot make their own food; they get nutrition from what they eat. Year 4: Science (Living things and their habitats) - Recognise that living things can be grouped in a variety of ways. Year 5: Science (Living things and their habitats, Evolution and inheritance) - Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals. - Give reasons for classifying plants and animals based on specific characteristics. - Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.		
Learning outcomes	Most learners will...	More able learners will...	
	- be able to identify a particular bird that can only be found in a wetland habitat. - be able to compare and spot differences between wetland bird feeding techniques.	- be able to describe how different wetland birds feed using scientific / higher level vocabulary. - be able to correctly identify where a particular bird feeds in a wetland, based on its feeding techniques.	
Key vocabulary	Behaviour Beaks e.g. sawbill Carnivore Adaptation	Home or habitat Feeding Herbivore	Technique e.g. grazing Structure Omnivore

Session Outline	Time
Introduction	3 mins
Learners are introduced to the key question (How are birds adapted to find and eat different foods?) and the wetlands.	
Activity 1: Feed the birds and observe feeding behaviour	10 mins
Learners feed the birds in small groups. They observe birds and their feeding behaviour and chat with their groups about what they have seen or noticed.	
Activity 2: Walk and watch	8 mins
Learners observe the birds as we walk to our activity base, sharing observations as we go.	
Activity 3: Feeding game	15 mins

Learners are introduced to 6 different bird species, make predictions about their beaks and feeding techniques. They play a feeding game exploring how these different bird's feed.	
Activity 4: Feedback and summarise	10 mins
Learners feedback on their experiences and vote for the hardest and easiest methods of feeding. To finish, learners complete a match up' game, matching a bird with its beak and favourite food.	
Plenary	5 mins
Learners answer the key question and are asked to think about what they might spot around the centre.	