

Session title	Birds, beaks and feeding techniques	
Key Q	How do birds find and eat different foods?	
Session description	Describe and compare the structure of different wetland birds. Observe the birds as they feed; how do their different beaks and body shapes enable them to find and eat different foods?	
Key Stage Suitability	KS1	
Duration	30 minutes	

Curriculum links	KS1: The World Around Us Independence: - How plants and animals rely on each other within the natural world - The effect of people on the natural environment over time - Interdependence of people, plants, animals and place Place: - How place influences plant and animal life - Ways in which living things depend on and adapt to their environment Change over time: - Ways in which change occurs in the natural world		
Learning outcomes	Most learners	More able learners	
	Recognise what birds might do to attain food items? Recognise the movement, shape and physical attributes of various birds. Compare / contrast e.g. the differences between types of bird. Appreciate that the birds are different because each finds differing food in different ways.	Understand the feeding behaviour of birds. Interpret what could be the reason for these different feeding strategies. Explain in detail how is an animal adapted to find its food.	
Key vocabulary	Feeding Adaptation Dabbling Diving Up-ending Grazing Waterfowl	Feeding strategy Competition Habitat Algae Invertebrates	Grasses Eel Grass Ducks Geese Swans

Session Outline	Time
Introduction	5 mins
Guide introduces the key question. Learners are introduced to the observational team challenge/feed.	
Activity 1: Feeding observation challenge	10 mins
Two groups are formed with spokespersons chosen by the teacher. Guide introduces concept and sets observational challenge. For 10 minutes the groups observe the birds in the collection feeding.	
Activity 2: Group feed-back	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.	