

Session title	Bird ID challenge – Migration (KS2)	
Key Q	Which birds live in a wetland?	
Session description	Launch your own bird spotting enquiry from our Discovery Hide, learning how to use binoculars, record findings and work scientifically. Learners will observe and identify wetland birds according to their key characteristics and find out about the different birds that are visible at this time of year. Which birds do you think you'll spot and how might they be adapted to their habitat?	
Key Stage suitability	KS2	
Duration	60 minutes	

Curriculum links	KS2 Science Year 4 Living things and their habitats - Recognise that living things can be grouped in a variety of ways - Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment Year 6 Living things and their habitats - 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 KS2 Geography Locational knowledge - locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities - identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night) Human and Physical Geography - Describe and understand key aspects of: - physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle		
Learning outcomes	All learners will have the opportunity to: - Use binoculars to view birds from a hide - Describe and name wetland birds - Describe the reasons why birds migrate and some of the migration routes they use Assessed learning outcomes: - Name a bird spotted on the lake - Describe the key identifying features of a bird spotted - Explain migration routes taken by birds in the UK		
Key vocabulary	Hide Habitat Key features	Plumage Species Migration	Climate Biome

Session Outline	Time
Introduction	5 mins
Nature connectedness moment – Listening to birds activity	
Activity 1: What is Migration?	10 mins
Learners learn what migration is and consider why birds migrate and some of the routes they take.	
Activity 2: Identifying birds	5 mins
Learners investigate differences between bird species using specimens, looking at their key features.	
Activity 3: Binocular training	10 mins
Learners are shown how to use binoculars and given information on what to look for.	
Activity 4: Bird spotting challenge	15 mins
Learners will use their equipment and whiteboards to record observations in small groups.	
Activity 5: Sharing of observations	10 mins
Groups will share their findings, describing a bird species they have observed.	
Plenary	5 mins
We will sum up what we've learned and discuss the importance of wetlands.	