

Session title	Amazing Migration	
Key question	How and why do birds migrate?	
Session description	Meet migratory birds and explore how and why they make such amazing journeys as the seasons change. Where do they travel to and from and which continents and oceans do they pass along their way? Follow their journey on our giant map then take on your very own migration. What challenges will you face and do you have what it takes to survive this epic journey?	
Key Stage suitability	KS1	
Duration	1 hour	

Curriculum links	KS1: Science - Find out about and describe the basic needs of animals, including humans, for survival (water, food and air) - 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 - Identify and name a variety of plants and animals in their habitats, including microhabitats. - Notice that animals, including humans, have offspring that grow into adults. - Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals - Identify and name a variety of common animals that are carnivores, herbivores and omnivores		
Learning outcomes	Most learners will	More able learners will	
	- Know that migration is a long journey - Be able to name two types of animals that go on migration - Be able to say one reason why some animals migrate	- Be able to describe the migration of one bird species. - Be able to list at least three challenges birds could face on migration - Be able to say two reasons why some animals migrate.	
Key vocabulary	Migration Journey Energy Windfarm Sea	Kilometres/miles Sessions Competition Country Arctic	Predator Challenges Survival Ocean Antarctic

Session Outline	Time
Introduction	1 min
Learners are introduced to the key question.	
Activity 1: What is Migration?	5 mins
Learners are introduced to three possible answers and vote with their feet.	
Activity 2: Maxi Map	5 mins

Learners are introduced to our giant map. We identify their existing knowledge asking what animals they know that migrate and pointing out their migration routes on the map.	
Activity 3: Tern Migration	9 mins
Learners are introduced to the tern (seabirds) and the tern migration. We use the map to discuss why terns migrate and to identify the challenges they face on their migration.	
Activity 4: Family migration - prep for outdoor trail	5 mins
Learners are split into four groups, each group representing a species of bird. Groups get to know their bird and their migration route.	
Activity 5: Energy Collection - prep for outdoor trail	4 mins
Teams compete to find as many energy tokens as possible to fuel their migration.	
Activity 6: Migration Adventure – outdoor trail	29 mins
Learners follow the outdoor migration trail. We end the trail by counting the energy tokens of each team – who made it? How did each group find it? What challenges did they face?	
Plenary	2 mins
We discuss with learners how WWT Arundel and other wetlands are important wintering grounds/Nesting sites for migratory birds.	