

Session title	Plastic Planet KS1	
Key Q	Which everyday objects are made from plastic and why is this a problem?	
Session description	Explore different everyday objects made from plastic. What problems does plastic pollution cause and what can we do to help?	
Key Stage suitability	KS1	
Duration	1 hour	

Curriculum links	KS1 The world around us <ul style="list-style-type: none"> ▪ Interdependence: <ul style="list-style-type: none"> - How plants and animals rely on each other within the natural world - Interdependence of people and the environment - The effect of people on the natural environment over time - Interdependence of people, plants, animals and place. ▪ Place: <ul style="list-style-type: none"> - Positive and negative effects of people on places ▪ Change over time: <ul style="list-style-type: none"> - Positive change and how we have a responsibility to make an active contribution 		
Learning outcomes	All learners	More able learners	
	<ul style="list-style-type: none"> ▪ Recognise that there are many everyday items made from plastic some of which may not be immediately obvious ▪ Understand the problems that plastic pollution causes for wetland wildlife and habitats ▪ Recognise that plastics take a long time to break down ▪ Know some simple things that they can do to help improve the situation 	<ul style="list-style-type: none"> ▪ Understand that plastic pollution in wetlands comes from a range of sources ▪ Understand that microplastics can be passed through a food chain 	
WWT conservation messages	<ul style="list-style-type: none"> ▪ Wetlands are threatened: Wetlands are delicate ecosystems that are affected by plastic pollution ▪ Wetlands are threatened: Plastic pollution provides a threat to wetland wildlife ▪ WWT is saving wetlands: WWT looks after wetlands, protecting them from things like plastic pollution ▪ You can help save wetlands too: There are things we can all do to help 		
Learning / enquiry skills developed	<ul style="list-style-type: none"> ▪ Explain why plastic pollution is an issue ▪ Appreciate the impacts that our lifestyles can have on wildlife ▪ Report what new knowledge has been gained 		
Key vocabulary	<ul style="list-style-type: none"> ▪ Pollution 	<ul style="list-style-type: none"> ▪ Microplastics 	<ul style="list-style-type: none"> ▪ Decomposition

Session Outline	Time
Introduction	5 mins
Learners are introduced to the session title and what we will be focussing on in today's session	
Activity 1: What is the issue?	15 mins

Learners investigate different items that create plastic pollution and where these come from	
Activity 2: What problems does this cause?	10 mins
Learners look at the impact this has on wildlife including how microplastics can be passed through a food chain	
Activity 3: How long does the problem last?	15 mins
Learners investigate how long different materials take to decompose and how plastics can remain in the environment for a long time	
Activity 4: What can we do to improve the situation?	10 mins
Learners explore some of the alternatives to plastic and some of the small steps they can take to reduce plastic pollution	
Plenary	5 mins
Learners review what they have learnt and have a chance to ask any questions they may have	