Session title	The water cycle, wetlands and me	
Key Q.	What role do we play in the water cycle?	
Session description	Explore the part played by evaporation, condensation and precipitation in the water cycle. What pollutants do humans add into the cycle and what role can wetlands play in cleaning this water?	
Key Stage suitability	KS2	
Duration	30 minutes	

Curriculum links	KS2 The World Around Us: Interdependence: ▪ How living things rely on each other within the natural world. ▪ The effect of people on the natural and built environment over time. Place: ▪ Ways in which people, plants and animals depend on the features and materials in places and how they adapt to their environment. ▪ Features of, and variations in places, including physical, human, climatic, vegetation and animal life. ▪ Change over time in places. ▪ Positive and negative effects of natural and human events upon a place over time. Movement and Energy: ▪ Causes that affect the movement of people and animals. Change over time: ▪ How change is a feature of the human and natural world and may have consequences for our lives and the world around us. ▪ Ways in which change occurs over both short and long periods of time in the physical and natural world. ▪ The effects of positive and negative changes globally and how we contribute to some of these changes.	
Learning outcomes	Most learners	More able learners
	will be able to understand the basics of the water cycle. will be able to acknowledge how precious water is. will be able to recognise our role as a species in not wasting or polluting water.	will be able to describe the various scientific terms of the water cycle. will be able to recommend methods in conserving and protecting water.
Key vocabulary	▪ Evaporation ▪ Condensation ▪ Precipitation ▪ Saturation ▪ Transpiration ▪ Water conservation ▪ Absorption ▪ Run-off	

Session Outline	Time
Introduction	5 mins
The leader introduces the main theme and key question.	
Section 1: Water cycle activity	15 mins

In this interactive activity, learners construct the water cycle. We discuss the impact of humans on the cycle and add symbols to represent this.	
Section 2: Water volunteer	5 mins
In this activity, we use a volunteer learner to represent planet earth and show how much water is located in the oceans, in the ice caps and in aquifers below the ground. Looking at the water that is left available to use, learners discover that much of this is polluted, leaving very little water available to support life on earth.	
Section 3: Plenary	5 mins
We review the key question and seek feedback from learners.	