

Session title	Climate champions	
Key Q	How can we help reduce climate change?	
Session description	Take part in games, get stuck into nature, and use your creative skills to learn about climate change. This engaging and uplifting session introduces students to how we can fight climate change both in terms of reducing it but also coping with it. Students get hands on with the wetland and get to know how they are superpowers in the fight against climate change.	
Key Stage suitability	KS2	
Duration	1 hour	

Curriculum links	KS2 Science Living things and their habitats - Recognise that environments can change and that this can sometimes pose dangers to living things. - Recognise the impact of human activity on environments, including pollution, deforestation and climate related changes.		
	KS2 Geography Human and physical geography - Describe and understand key aspects of physical geography. - Understand how human and physical processes interact to produce environmental change, including the impact of human activity on landscapes and ecosystems.		
Learning outcomes	All learners will have the opportunity to: - Experience nature directly through sight, sound, smell, feel - Learn through the natural environment (nature is the resource not just the topic) - Learn how GHGs cause Climate Change (in terms of too many being in the atmosphere and trapping in heat) Assessed Learning Outcomes (ALO) - Learn and apply knowledge of how to reduce climate change - Learn and apply knowledge of how to fight climate change - Name an emitter of GHGs - Know that release of too many GHGs cause climate change		
Key vocabulary	Climate change Atmosphere	Greenhouse gases	Wetland

Session Outline	Time
Introduction	5 mins
Learners are given an overview of the session and are introduced to the question 'How can we help reduce climate change?'	
Activity 1: GHG coat model	10 mins
Learners discover what climate change is and what causes it through an interactive model using one student who is the Earth and coats as greenhouse gases (GHGs).	
Activity 2: Wetlands and Climate Change	10 mins

Learners discover how wetlands help reduce climate change and help us cope with the effects by getting hands on with the secret power that wetlands have – MUD!	
Activity 3: Model climate resilient village building	20 mins
Learners take on different roles in building a model climate resilient village out of natural materials they find in the wetland. Their mission is to get to Net Zero.	
Activity 4: Presenting their climate resilient villages	10 mins
Each group shares why their village helps fight and cope with climate change and find out if they've reached 'Net Zero'.	
Plenary	5 mins
Learners share what they've learnt and hear some final messages on how they can help reduce climate change.	