



Full Circle	
Session Overview	To investigate and compare cycles such as water, energy flow, use & waste and food consumption in the human and natural world and their impacts on the environment
Key Stage	KS 2
Curriculum Links	Geography   Science   Citizenship   History   English
Key Words	linear & closed cycles, watercycle, pollution, waste, recycling, composting, decomposition, renewable, locally sourced, environment, impacts, sustainability
Learning Objectives	<p>In this session children should learn:</p> <ul style="list-style-type: none"> <li>• About the processes of the 'Water Cycle' and explore how humans have impacted upon it in the past and the present</li> <li>• To identify and record invertebrates living in an upland river using a key and how to treat them sensitively</li> <li>• About water use and treatment in this country compared to other parts of the world</li> <li>• That much of the food and packaging we buy are made from raw materials which are imported 1000s of miles, are often not renewable and produce a considerable amount of waste</li> <li>• That in the natural world recycling has been going on for millions of years!</li> <li>• How looking at the way people behaved in the past can help with solutions to many environmental issues today</li> <li>• The personal choices you and your family make in your daily lives affects the environment worldwide</li> <li>• That the National Trust is working towards sustainable development</li> </ul>
Learning Outcomes	<p>At the end of the session children will be able to:</p> <ul style="list-style-type: none"> <li>• Understand the concept of linear compared to closed cycles and the significance in terms of impacts on the environment</li> <li>• Empathise with people in less economically developed countries who don't have access to the amount and quality of food and water we do</li> <li>• Understand why Reducing, then Reusing, and finally Recycling is more sustainable than using up raw materials and sending our waste to landfill</li> <li>• Appreciate that sourcing resources locally is possible and can be more sustainable</li> <li>• Feel some responsibility for their own actions and understand that these can have an impact on a wide scale</li> <li>• Feel empowered to adjust their behaviour in their daily lives in ways that reduce harm to the environment</li> <li>• Recognise that St Catherine's and the surrounding landscape is a truly special place</li> <li>• Feel positive about environmental issues, the part they can play and have more confidence in making informed choices</li> </ul>