

SuDS Session Plan – Creating a natural landscape

Before session: Survey playground, find suitable areas to collect moss, grass and twigs, children will need to bring in disposable plastic tubs

Session Objectives	Session summary	
1. To consider what happens to rainwater when it hits different surfaces 2. To explain why surface water needs to be managed in urban areas 3. To explore strategies for managing surface water	Introduction and preparation (collecting resources)	20 min
	Activity – create and test a mini-natural landscape	30 min
	Conclusion – Revisit key session objectives	10 min

Full session outline		
Activity	Resources	Time
<p>Introduction <i>Why is water important?</i> Give children a few minutes to discuss. Show children images of an urban landscape and a natural landscape. What might happen to a raindrop that falls on each of these landscapes? Which landscape is making better use of water? Why? Explain, we're going to get a chance to try this out for ourselves</p>	Images of natural landscape and urban landscape	20 min
<p>Preparation First, we're going to create a mini natural landscape but we need to collect the resources. Show examples of a mini landscape. Children to identify what resources have been used and what they represent: twig – trees, moss – grass, petals – flowers, milk cap – pond or wetland, gravel – rocks</p> <p>Discuss what resources are available on site and rules for collecting. Only gather things you can reach from the ground. Watch out for thorns and other sharp objects. Only gather what you need (snip small twigs, tiny pinches of grass etc) Do not gather too much from one area (don't all cut twigs from the same bit of shrub etc) Be careful with scissors (keep them closed while walking around, keep your fingers clear when cutting). Give boundaries for collecting area. Children to use their plastics tubs to gather some resources for their mini-landscape. Give children a time limit (5-10min) to gather resources and return to base</p>	Plastic tubs Scissors	



<p><u>Main task</u></p> <p>Discuss - When creating your natural landscape, what's the best order to put things in? Take suggestions, discuss pros and cons</p> <p>Children to be given 20 minutes to complete their natural landscape. Once they have finished they can test what happens to rainwater by pouring a small amount of rainwater over it.</p>	<p>Compost, gravel (distributed in trays)</p> <p>Watering can water bottles</p>	<p>30 min</p>
<p><u>Conclusion</u></p> <p>Children can show and tell their landscapes. What have you included? What happened when you poured rain on it?</p> <p>Using a sample natural landscape, 'cut down' the trees and cover with a slate tile and a lego house. When we build our roads, parking lots, and buildings we cover over the natural landscape. KQ – What will happen to the water now? In real life where would this water end up? – rushing to the drains and rivers What problems could this cause? - flooding</p> <p>Children can take their 'natural landscapes' home</p>	<p>Slate to cover the landscape</p> <p>Small lego house</p>	<p>10 min</p>

