

P4 – Habitat lesson 1

Expedition: Masterworks and Botanical Gardens	Science The Bermuda trees and habitats Identification Keys
Date: March 9 th , 10 th , 11 th	SEL Focus: Appreciating nature
<p>Key topics: Building vocabulary and awareness of different plants, creatures and habitats in Bermuda. Close observation of trees in the Botanical Gardens and language games to develop habitat vocabulary.</p> <p>Students will know: Names and characteristics of 6 different Bermuda habitats and factors (soil, sunlight, water, temperature and wind exposure) which affect them.</p> <ol style="list-style-type: none"> 1. Beach and dunes 2. Rocky shore 3. Upland hillside 4. Upland valley 5. Freshwater wetland, ponds and marshes 6. Saltwater marsh <p>Students will understand How to categorise tree species using three classifications - Native, Invasive and Endemic and Deciduous and Evergreen. They will understand why certain trees are uniquely adapted to survive in certain habitats. Eg mangroves are can survive in saltwater marsh. They will be able to name and identify several Native and Endemic Trees. Focus on Palmetto, which early settlers called the “Everything Tree.”</p> <p>Consolidation – Creative writing using Read Aloud / Cloze from “Bermuda’s Botanical Wonderland” and poems about favourite plants, trees and creatures</p>	
<p>Language activity Guessing Choose an object, animal or person and tell the students which of these categories it belongs to. They have to guess what it is, but they have a limit of 10 questions. Encourage “narrowing-down” questions and give generous hints if the guessing slows down or seems not to be progressing towards the right answer. Advance to new categories: I’m thinking of a habitat, I’m thinking of a Bermuda tree, I’m thinking of a Bermuda fish.</p>	
<p>Artwork: <i>Georgia O’Keefe Banyan Trees</i> <i>Chris Dawson Bay Grape</i> <i>Christine Watlington Ferns</i></p>	
Activities Outline:	<p>Activities:</p> <ol style="list-style-type: none"> 1. Tour of the Trees in Botanical Gardens Ice-breaker – Favourites - flowers and fruits that grow in Bermuda. 2. Read-aloud STW and Language activity – Guessing 3. Masterworks – Art Activity inspired by Georgia O’Keefe Banyan Trees.
<p>Timings (approx)/</p> <p>9.30am / 1pm</p> <p>10 am /1.30pm</p> <p>10.15am 1.45pm</p>	