

Hong Kong Wetland Park School Education Programme

Park Experience I : Wetland Conservation and Sustainable Development



1. Target

S.1 to S.6 (participant number: 15-50)

2. Objectives



- The concept of sustainable development and green architecture
- Wetland habitat and its importance
- Ramsar Convention
- Wetland-related regulations and environmental impact assessment
- Protected areas (including country parks and restricted area) in Hong Kong
- Conservation schemes on protected species
- Conservation works and management in Hong Kong Wetland Park (HKWP)
- The green concepts applied in the architecture of Hong Kong Wetland Park
- Recognise the connection between sustainable development and our daily life



- Analyze the importance of sustainable development
- List out the importance of wetland
- Give examples of protected species and related conservation work
- Give examples of wetland conservation and management work
- Observe living organisms
- List out practical examples of green architecture



- Support sustainable development
- Increase the awareness of wetland conservation
- Encourage participation of conservation activities, such as volunteer work in HKWP, beach cleaning and tree-planting activities



3. Rundown

Itinerary
Pui Pui's Home
Mangrove Boardwalk*
Riverside Hide*
Wetland Discovery Centre-Life Lab Classroom Activity: Wetland Conservation and Sustainable Development*

* In case of inclement weather conditions, the outdoor fieldwork will be changed to indoor activities.

4. Activity Content

Content	Focal Points
<p>Classroom Activity (Duration: 20 minutes)</p> <ul style="list-style-type: none"> Introduction Conservation works in wetlands Green architecture features in HKWP Interactive game 	<ul style="list-style-type: none"> Background of Hong Kong Wetland Park Introduction of green architecture and concept of sustainable development The Ramsar Convention Regulations related to Hong Kong wetland conservation and environmental impact assessment Conservation schemes of protected species Conservation and management work of Hong Kong Wetland Park Green architecture elements in the Park
<p>Field Trip (Duration: 1 hour)</p> <ul style="list-style-type: none"> Visit the Park and record the green architectures features on the worksheet Observe the management works in HKWP Experience activity 	<ul style="list-style-type: none"> Examples of green architecture materials Integration of natural environment in buildings of Hong Kong Wetland Park Investigate into different conservation works in Hong Kong Wetland Park <ul style="list-style-type: none"> Plant and water management Habitat management Invasive species management Observing wetland plants and animals
<p>Conclusion (Duration: 10 minutes)</p> <ul style="list-style-type: none"> Sharing and presentation Discussion and conclusion 	<ul style="list-style-type: none"> Report the green architectures visited around the Park Report the wetland management work in different aspect in Hong Kong Wetland Park Solidify students' knowledge about green architecture Discuss how to apply the concept of sustainable development in daily life Emphasize the importance of wetland conservation Encourage students to participate in environmental conservation work



Reed bed



Oyster shell wall



Wall covered by climbing plant



Nest Box



Exotic Invasive Species



Dragonfly perching on a pole

5. Relevant Curriculum[#]

Level	Science	Geography	
Secondary 1-3	Unit 2: Water 2.3 Water purification 2.5 water conservation and pollution Unit 3: Looking at Living Things 3.1 Living things 3.3 Biodiversity	Section A: From Hong Kong to the world — variations in space, people and places • Using urban space wisely Section C: Challenges for our world — Managing global issues in a sustainable way	
Level	Biology	Combined Science (Biology)	Physics
Secondary 4-6	III. Organisms and Environment f. Ecosystems VI. Applied Ecology a. Human impact on the environment b. Pollution control c. Conservation d. Global issues	III. Organisms and Environment f. Ecosystems	VIII. Energy and Use of Energy b. Energy efficiency in building and transportation c. Renewable and non-renewable energy sources
	Geography	Citizenship and Social Development	
	Module 4: Building a Sustainable City	Module: Interconnectedness and interdependence of the contemporary world Theme: Sustainable development	

Above information is with reference to EDB General Studies Curriculum Guide for Secondary Schools (2017)

