

# Hong Kong Wetland Park School Education Programme Park Experience II



## 1. Target

Primary / Secondary students ( Participant Number: 100-200 )

## 2. Objectives



- Definition of wetland and different types of wetland habitats
- Functions of wetland and its co-relationship with human
- Animals commonly found in wetlands



- Observe animals in the wild and describe their characteristics
- Analyse the interactions among animals in wetlands



- Protect the nature and homes of wildlife
- Recognise the values and functions of the wetlands
- Wise use of the wetland resources in daily lives, e.g. saving water

## 3. Rundown

Itinerary	
April to October	November to March
Indoor Activity	
Pui Pui's Home*	
Stream Walk*	
Wetlands at Work*	
Life Zone*	Riverside / Mudflat Hide*
Mangrove Boardwalk*	

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

#### 4. Activity Contents

Contents	Focal Points
<b>Interpretation</b> <b>Duration: 35 minutes</b> <ul style="list-style-type: none"> <li>Watching film – "Where Wonders Begin: Our Wetlands"</li> <li>Introduction</li> </ul>	<ul style="list-style-type: none"> <li>Definition and features of wetlands</li> <li>Animals in diverse wetland habitats</li> <li>Provision of daily necessities from wetlands</li> <li>Threats faced by wetlands worldwide</li> <li>Interdependence between wetlands and human</li> <li>Ways of protecting wetlands</li> </ul>
<b>Field Trip</b> <b>Duration: 1 hour and 10 minutes</b> <ul style="list-style-type: none"> <li>Observe and explore animals in wetlands</li> </ul>	<ul style="list-style-type: none"> <li>Observe wetland wildlife</li> <li>Learn about the importance of mangroves</li> <li>Explore the pond habitat and its animals (April to October)</li> <li>Learn about insects such as dragonflies and damselflies, and their lifecycle (April to October)</li> <li>Observe the characteristics of migratory birds and their interesting habits (November to March)</li> <li>Recognise the impacts of human activities to the environment</li> </ul>
<b>Conclusion</b> <b>Duration: 15 minutes</b>	<ul style="list-style-type: none"> <li>Understand the importance of water resources</li> <li>Wetland animals and human rely on wetlands</li> <li>Our responsibility of environmental conservation – cherishing and efficient use of resources</li> </ul>



## 5. Relevant Curriculum

Level	Units
Primary 1	<b>Plants and Animals</b> <ul style="list-style-type: none"> <li>Growing environment of animals and plants and their interdependent relationship</li> </ul>
Primary 2	<b>Going to the Park</b> <ul style="list-style-type: none"> <li>Animals and plants in parks</li> <li>Caring for parks</li> </ul> <b>Joy in Nature</b> <ul style="list-style-type: none"> <li>Observing regulations and protecting the environment</li> </ul>
Primary 3	<b>Green Living</b> <ul style="list-style-type: none"> <li>Influence of natural environment on our living</li> <li>Ways of protecting environment and saving resources</li> </ul> <b>Love of Nature</b> <ul style="list-style-type: none"> <li>Natural landscapes</li> <li>Common animals and plants in Hong Kong</li> <li>Caring for and conserving the natural environment</li> </ul>
Primary 4	<b>Living on the Earth</b> <ul style="list-style-type: none"> <li>Life of people and living things in different climatic regions</li> </ul>
Primary 5	<b>Continuation of Life</b> <ul style="list-style-type: none"> <li>Biodiversity and classification of living things</li> <li>The interdependence of living things and the environment</li> </ul> <b>Energy source</b> <ul style="list-style-type: none"> <li>Preventing pollution, and making good use of resources</li> </ul>
Primary 6	<b>Water</b> <ul style="list-style-type: none"> <li>Uses of water</li> <li>Treasuring water resources</li> </ul> <b>Survival of the Fittest</b> <ul style="list-style-type: none"> <li>Forms and functions of living things and their adaptation to the environment</li> <li>The effects of human activities on the natural environment</li> <li>Making good use of resources and practising green living</li> </ul>

Level	Science	Geography
<b>Secondary 1 - 3</b>	Unit 2: Water 2.5 Water conservation and pollution  Unit 3: Looking at Living Things 3.1 Living things <ul style="list-style-type: none"> <li>• Wide variety of living things</li> </ul> 3.3 Biodiversity <ul style="list-style-type: none"> <li>• Importance of biodiversity</li> <li>• Effects of human activities on biodiversity</li> <li>• Conservation</li> </ul>	Section A: From Hong Kong to the World — Variations in space, people and places <ul style="list-style-type: none"> <li>• Using Urban Space Wisely - Can we maintain a sustainable urban environment?</li> </ul> Section C: Challenges for our world — Managing global issues in a sustainable way

Level	Biology / Combined Science (Biology)	Integrated Science
<b>Secondary 4 - 6</b>	II. Genetics and Evolution c. Biodiversity and evolution  III. Organisms and Environment f. Ecosystems  VI. Applied Ecology (For Biology only) <ol style="list-style-type: none"> <li>Human impact on the environment</li> <li>Pollution control</li> <li>Conservation</li> <li>Global issues</li> </ol>	C6: Balance in Nature 6.4 Disturbances and restoration
	<b>Liberal Studies</b>	<b>Geography</b>
	Module 2: Hong Kong Today Theme 1: <ul style="list-style-type: none"> <li>• Quality of Life</li> </ul> Module 6: Energy Technology and the Environment Theme 2: <ul style="list-style-type: none"> <li>• The environment and sustainable development</li> </ul>	Compulsory part: 2. Managing River and Coastal Environment 4. Building a Sustainable City 6. Disappearing green canopy