

Hong Kong Wetland Park School Education Programme Park Experience I : Lively Wetlands



1. Target

Primary 1 – 6 students (Participant Number: 15-50)

2. Objectives

Knowledge

- The definition of wetland and different types of wetland habitats
- Wetland animals and their interactions (food chains)
- The characteristics of insects, fishes, birds, amphibians, reptiles and mammals

Skills

- Observe animals in the wild and describe their characteristics
- Classify animal groups through the appearances of the animals (insects, fish, birds, amphibians and reptiles)
- Analyze the interactions among animals in wetlands

Attitudes

- Cultivate their interests in animals
- Love the nature and homes of wildlife
- Cherish water resources in daily lives hence protecting wetlands

3. Rundown

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

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

(updated on 2020.08)

4. Activity Contents

Contents	Focal Points
Interpretation Duration: 40 minutes <ul style="list-style-type: none"> Introduction Exploratory game Wetland Quiz Time 	<ul style="list-style-type: none"> Understand the definitions of wetlands and the distribution of wetlands in the world Examples of wetlands in Hong Kong: Streams, ponds, mangroves, wet farmlands and fish ponds, etc. Introduce the background of Hong Kong Wetland Park Diverse wetland habitats support the living of for different animals Learn about the characteristics of six animal groups: insects, fish, birds, amphibians, reptiles and mammals Skills of observing animals in the wild
Fieldwork Duration: 1 hour and 10 minutes <ul style="list-style-type: none"> Observe and explore animals in wetlands Animal classification 	<u>Pui Pui's Home</u> <ul style="list-style-type: none"> Learn about reptiles through observation of the crocodile "Pui Pui" <u>Stream Walk</u> <ul style="list-style-type: none"> Observe the characteristics of fish by observing the freshwater fish in streams <u>Life Zone or Riverside / Mudflat Hide</u> <ul style="list-style-type: none"> Explore the pond habitat and its animals (April to October) April to October: Learn about insects such as dragonflies and damselflies, and their lifecycle November to March: Learn about birds, observe the characteristics of migratory birds and their interesting habits <u>Mangrove Boardwalk</u> <ul style="list-style-type: none"> Observe fiddler crabs and mudskippers at mangroves, hence learning about the importance of mangrove habitats Investigate the interactions among animals (food chain)
Conclusion Duration: 10 minutes <ul style="list-style-type: none"> Discussion 	<ul style="list-style-type: none"> Review characteristics and interactions of animals observed in the field trip The key element of wetlands is water Conservation of wetlands is needed as diverse wetland habitats are homes for various animals Ways to save water so as to protect wetlands



(updated on 2020.08)

5. Relevant Curriculum

Level	Units
Primary 1	<p><u>Plants and Animals</u></p> <ul style="list-style-type: none">Common characteristics and simple classifications of living thingsGrowing environment of animals and plants and their interdependent relationship
Primary 2	<p><u>Going to the Park</u></p> <ul style="list-style-type: none">Animals and plants in parks (e.g. invertebrates and vertebrates, flowering and non-flowering plants)Caring for parks <p><u>Outing is Fun</u></p> <ul style="list-style-type: none">Outdoor safety under different weather conditions (e.g. equipment, contingency plans)Observing regulations and protecting the environment <p><u>Our Community (suitable for Yuen Long District Schools)</u></p> <ul style="list-style-type: none">Characteristics, facilities and services within the local area
Primary 3	<p><u>Green Living</u></p> <ul style="list-style-type: none">Influence of natural environment on our livingWays of protecting environment and saving resources (e.g. reducing use of electricity, saving water) <p><u>Love of Nature</u></p> <ul style="list-style-type: none">Natural landscapes (e.g. geoparks, wetlands)Common animals and plants in Hong KongSimple classification of animals (distinct differences and similarities, e.g. feather, hair, fins)Caring for and conserving the natural environment
Primary 4	<p><u>Living on the Earth</u></p> <ul style="list-style-type: none">Features and changes of the surface of the Earth - distribution of oceans and continentsLife of people and living things in different climatic regions, e.g. deserts and plains, equatorial and polar regions

Continuation of Life

- Cycles in the living world and life cycles of living things
- Biodiversity and classification of living things
- The interdependence of living things and the environment (e.g. food chain)
- Caring about endangered species

Primary 5

Water

- Uses of water
- Investigating water
- Water pollution and purification
- Treasuring water resources

Energy Source

- Preventing pollution, and making good use of resources

Survival for the Fittest

Primary 6

- Forms and functions of living things and their adaptation to the environment
- The effects of human activities on the natural environment
- Making good use of resources and practicing green living

Above information is with reference to EDB General Studies Curriculum Guide for Primary Schools (Primary 1-6) (2017)

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