

Hong Kong Wetland Park School Education Programme

Park Experience I : Bird Watch

(From November to March)



1. Target

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

2. Objectives



- Common birds in wetlands and how to identify them
- Bird migration and birds that have conservation interest
- How birds adapt to wetland environment
- How Hong Kong Wetland Park habitats attract different types of birds
- Bird watching techniques and preparations before fieldwork



- Analyze the relationship between body structure of birds and their respective feeding habitats / selection of habitats
- Learn how to use binoculars and guidebook to identify birds
- Investigate why there are more birds during winter in Hong Kong



- Recognize the importance of wetlands to birds
- Follow bird watching rules and respect wildlife
- Encourage participation of conservation activities and protection of wildlife habitats

3. Rundown

Itinerary
Classroom Activity: Learn about Birds
Stream Walk*
Bird Hide*

* 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: 40 minutes</p> <ul style="list-style-type: none"> • Introduction • Bird models observation 	<ul style="list-style-type: none"> • Basic knowledge of birds and their habitats • Migratory flyways of birds • Hong Kong as an important stopover or wintering ground for birds • The characteristics and adaptations of birds • The relationship between birds' bills and their feeding habits • How to conduct a bird ecological survey
<p>Fieldwork Duration: 1 hour and 10 minutes</p> <ul style="list-style-type: none"> • Experience the work of an ecological surveyor and conduct bird survey 	<ul style="list-style-type: none"> • The importance of local flora to birds • The waterbirds along riverside and on mudflats • The importance of Hong Kong Wetland Park as an ecological buffer zone for birds • Use of binoculars and field guide • The functions of artificial nest boxes
<p>Conclusion Duration: 10 minutes</p> <ul style="list-style-type: none"> • Sharing and presentation • Discussion and conclusion 	<ul style="list-style-type: none"> • Describe the characteristics of the birds observed, e.g. species, sex • Compare the bird species found in different habitats and their features • List the challenges encountered during fieldwork and figure out solutions • Discuss the importance and ways of conserving wetlands



5. Relevant Curriculum

Level	Science	Geography
Secondary 1 - 3	Unit 2 : Water 2.5 Water conservation and pollution Unit 3: Looking at Living Things 3.1 Living Things 3.2 Grouping of Living Things 3.3 Biodiversity	Section A: From Hong Kong to the world - variations in space, people and places <ul style="list-style-type: none"> Using urban space wisely
Level	Biology	Combined Science (Biology)
Secondary 4 - 6	II. Genetics and evolution c. Biodiversity and evolution III. Organisms and environment f. Ecosystems VI. Applied ecology a. Human impact on the environment c. Conservation d. Global issues	II. Genetics and evolution c. Biodiversity and evolution III. Organisms and environment f. Ecosystems
	Citizenship and Social Development	Geography
	Module: Interconnectedness and interdependence of the contemporary world Theme: Sustainable development	Module 2: Managing river and coastal environments Module 4: Building a sustainable city

(Updated on 2023.05)

