Hong Kong Wetland Park School Education Programme
Park Experience I：Butterfly watch
（From April to September）

1. Target
S.1 – S.6

2. Objectives

Knowledge

- Morphology, adaptive features and behavior of butterflies
- Common butterfly species
- Know more about butterflies' feeding habits and host plants
- Role of butterflies in ecosystems

Skills

- Learn how to use field guide to identify butterflies
- Analyze the relationship between butterflies and corresponding host plants
- Investigate the ecological values of butterflies

Attitude

- Recognize the ecological value of butterflies
- Respect wildlife and follow butterfly watching rules
- Increase the awareness of butterfly and habitat conservation

3. Rundown

Itinerary
Classroom activity: Learn about Butterflies
Return Route*
Butterfly Garden*

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

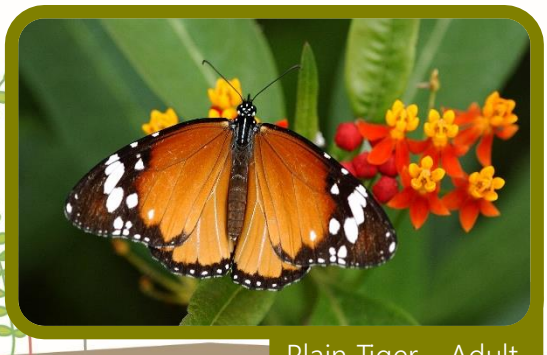
(Updated on 2023.05)

4. Activity Content

Content	Focal Points
Classroom Activity **Duration：45 minutes** ● Introduction ● Basic knowledge of butterflies	● Basic knowledge of butterflies ● Adaptations and behavior of butterflies ● Using microscope to observe the special structure of butterfly wings ● How to conduct a butterfly ecological survey
Fieldwork **Duration：60 minutes** ● Butterfly observation ● Record butterfly species	● Identify butterfly species and its host plant ● Relationship between butterfly and its host plant ● Biodiversity of butterflies ● Different plants in Hong Kong Wetland Park attract different butterfly species ● Use of field guide and conduct a butterfly survey
Summary **Duration：15 minutes** ● Sharing and presentation ● Discussion and conclusion	● Describe the butterflies observed ● Ecological values of butterflies ● Discuss the importance and methods of wetland conservations

Plain Tiger – Pupa

Plain Tiger – Caterpillar



Plain Tiger – Adult

(Updated on 2023.05)

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 ● 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)