

Teaching Unit
教學單元

Biodiversity in Hong Kong (Secondary 4)

This unit integrated the study of Biology with Visual Arts. Through field trips and data collection, students have developed their observation skills, depended their understanding of endangered species in Hong Kong and cultivated an awareness of protecting the environment and wildlife. With biodiversity as the theme, students designed cultural and creative products that strike a balance between aesthetics, functionality, and design thinking.

香港生物多樣性（中四）

此單元結合生物科的學習，通過實地考察和資料搜集，發展學生觀察力、增加其對香港珍貴動物的認識，藉此培養他們愛護環境和保護動物的意識。學生以香港生物多樣性為題，透過設計文創產品，實踐美感、實用性和設計思考的平衡。

CHEUNG Wing-nam

張詠楠

Critically Endangered Neighbours

《極度瀕危的鄰居》

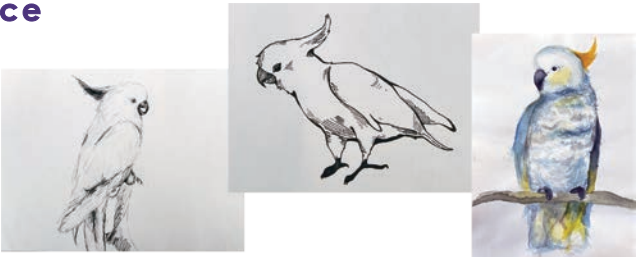
There are only about 2000 Yellow-crested Cockatoos left globally, and about 200 of them are settled in Hong Kong Island. Since they migrated to Hong Kong in the 1950s, they were able to take root of Hong Kong alongside the changing lives of Hong Kong people, perhaps because Hong Kong is a Food Paradise! As if Cockatoos were a cute mascot, it would definitely love going to Hong Kong teahouses to eat Dim Sum!

在全球約剩二千隻小葵花鳳冠鸚鵡的情況下，約有二百隻該種鸚鵡定居於港島。猜想牠們自五十年代移居香港後，能夠落地生根，陪伴香港人經歷變遷，可能是由於香港是美食天堂吧！試想像如果牠是一個可愛的吉祥物，定必很喜歡到香港的茶樓吃點心！

創作焦點
Creative Focus

In addition to focusing on the beautiful design of the stickers' front, the back features a brief introduction to the species and conservation information.
除了着重貼紙正面設計的美觀，還在背面印著該物種的簡介及保育資訊。

Drawing Practice
繪描練習



Mastering the shape and characteristics of the Yellow-crested Cockatoo through sketching and drawing practice.
藉素描及繪描練習掌握小葵花鳳冠鸚鵡的形態和特徵。

Field Trip
實地考察

Victoria Park
維多利亞公園



Character Design
角色設計

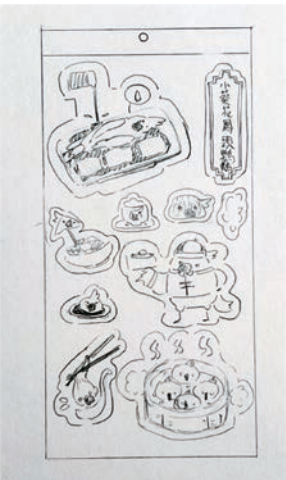
Character design based on the Yellow-crested Cockatoo, then conceptualised into a story set against the background of a Hong Kong teahouse, and presented in the format of stickers.

以小葵花鳳冠鸚鵡為原型進行角色創作，並將故事背景設定在港式茶樓；透過系列貼紙的視覺形式，演繹一段揉合在地生態與傳統飲食文化的趣味故事。



Idea Development
意念發展

Roughly drafted the character design in the sticker set, and conceived the layout.
簡單畫出貼紙中角色設計的草稿並構思排版。



The back of the sticker tells the prequel of the character through comics, making the character more compelling.
貼紙背面以漫畫手法講述故事角色前傳，豐富角色形象。



Refinement
持續改進



Stickers

貼紙

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HO Yee-tung
何綺桐

Our Neighbours
《我們的鄰居》

Silk Scarf
絲巾

Our Neighbours — The habitats of the two natural protected species are very close to where people live. It turns out that humans and protected species are so close, they are so close yet so far in our shared understanding.

我們的鄰居——兩種受保護物種的居住地和居民生活的地方非常接近，原來人類和牠們是這麼的接近，關係這麼近那麼遠。



Sketching Practice
and Observation
素描練習和觀察

創作焦點
Creative
Focus

As if being in a Chinese ink painting with Hong Kong residential buildings and the animals, the work presents enjoyment of the beauty of nature by all.

作品呈現香港的住宅建築及動物的身影，一齊欣賞大自然的美，恍如置身中國水墨畫。



Field Trip
實地考察

Hong Kong-Zhuhai-Macao Bridge
港珠澳大橋



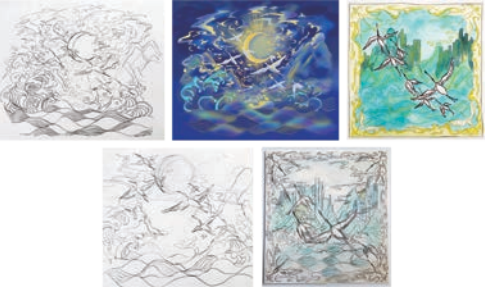
Tin Shui Wai Drainage Channel
天水圍排水道

Image Development
圖像發展

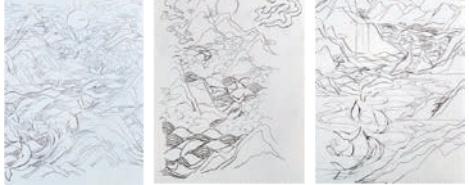
After defining the product as a silk scarf, the student continuously tested, developed, and polished her design.

學生擬定了產品為絲巾後不斷試驗和發展，以完善設計。

Black-faced Spoonbill
黑面琵鷺



Chinese White Dolphin
中華白海豚



The student illustrated various uses of the silk scarf.
學生試就佩戴絲巾繪描效果圖。



Test and Improvement
測試改良

Through examining the actual silk scarf, the student understood how the product looks when worn, and reflected on the pattern design.

透過研究絲巾，學生了解產品使用時的狀況，反思花紋設計。

