



# 「教學資源—課室探索區：保育角」網上簡介會

Learning & Teaching Kit – Exploration area:  
Conservation Corner in classroom online briefing

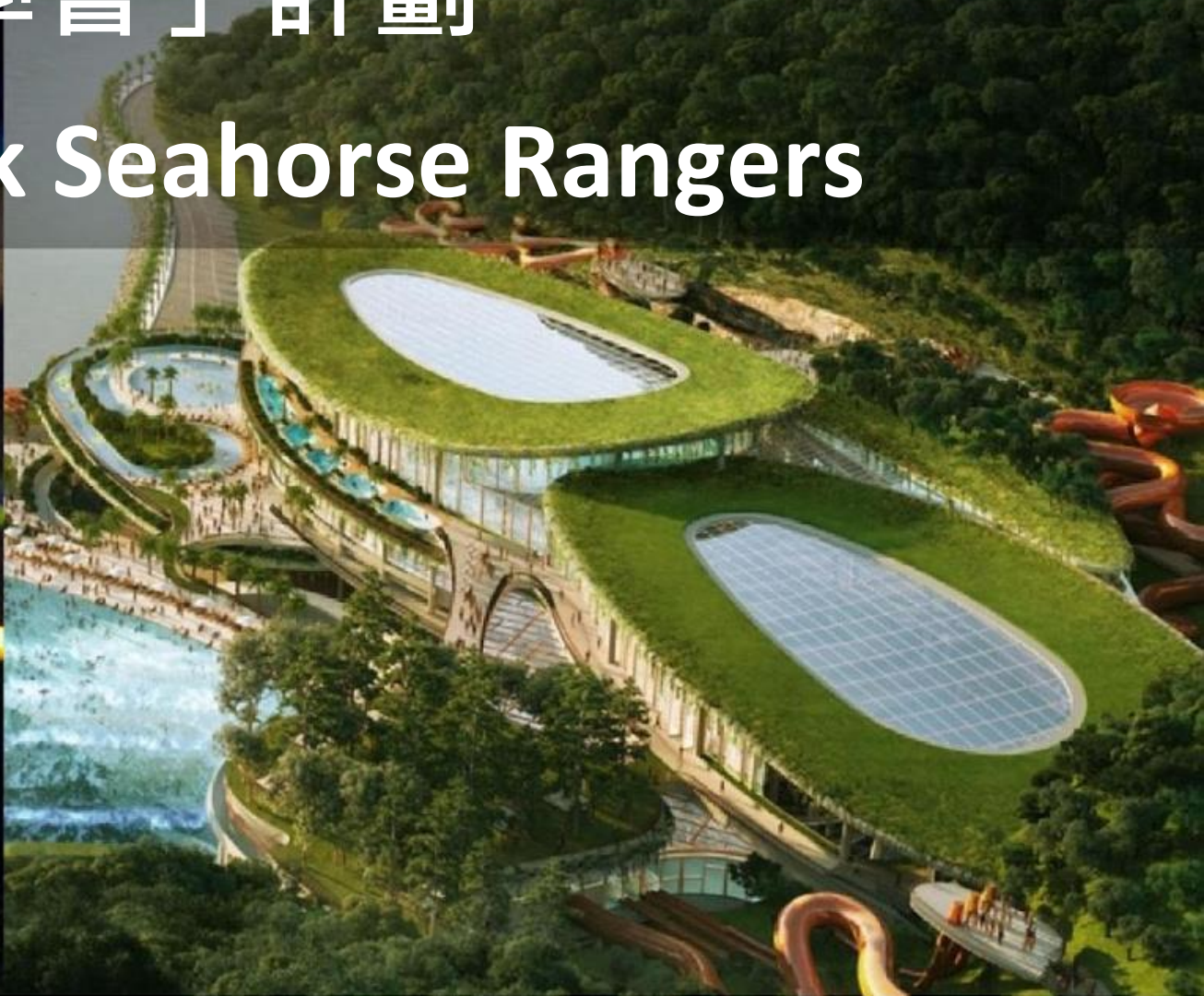
- 簡介會將於下午三時半開始  
The online briefing will start at 13:30
- 請以 中文或英文名 及 學校名稱 為登入名稱  
例如：陳大文（ABC幼稚園） / Chan Tai Man (ABC Kindergarten)  
Please enter your Chinese or English name with school name in your profile
- 簡介會將以廣東話進行  
The briefing will be conducted in Cantonese
- 簡介會尾段設有問答環節，請在「聊天室」留言提問  
Q&A session will be held before the end of briefing, please leave your messages in “Chat Room”



2025 – 2026

「環境及自然保育基金資助 x 海洋公園海馬同學會」計劃

Environment and Conservation Fund x Ocean Park Seahorse Rangers





# 「教學資源—課室探索區：保育角」網上簡介會

Learning & Teaching Kit – Exploration Area:  
Conservation Corner in Classroom online briefing





# 簡介會流程 Rundown

1. 「教學資源—課室探索區：保育角」活動概覽 Learning & Teaching Kit – Exploration area: Conservation Corner in classroom activity overview
2. 升級再造概念 Concept of upcycling
3. 「教學資源—課室探索區：保育角」活動詳情 Learning & Teaching Kit – Exploration area: Conservation Corner in classroom details
4. 海馬同學會成員角色 Role of Seahorse Rangers
5. 教學資源 Resources
6. 未來活動提醒 Upcoming Activity Reminder



# 1. 「教學資源—課室探索區：保育角」活動概覽

## Learning & Teaching Kit – Exploration Area: Conservation Corner in classroom activity overview



# 活動概覽 Activity Overview

## 「教學資源—課室探索區：保育角」教材套 Learning & Teaching Kit – Exploration Area

- 鼓勵學校在校內設立「課室探索區：保育角」
- Encourage school to set up exploration area at campus
- 提供全套物資教材及教案
- Provide complete sets of materials, teaching resources, and lesson plans
- 合力製作升級再造拼貼畫板
- Work together to create upcycled collage artboards



支援教師舉辦環保相關教育活動  
Support teachers in organizing education activities related to environment



協助在校內推廣減廢概念  
Assist in promoting waste reduction concepts in campus



培養學生對廢物再利用和  
升級再造的認識  
Cultivate students' awareness of waste reusing and upcycling



# 活動目的 Aim of the activity

學校層面  
In school aspect



師生共同攜手建立綠色校園  
Teachers and students work together  
to build a green campus



物盡其用  
Maximizing the use of resources

# 活動目的 Aim of the activity

## 學生層面 In student aspect



透過故事分享，認識動物  
與棲息地之間的關係

Get to know about the relationship  
between animals and their habitats  
through storytelling



簡單認識回收、重用及源  
頭減廢的重要性

Have a simple understanding on  
the importance of recycle, reuse  
and reduce



實踐環保減廢行動  
例如：自備水樽及手巾  
Encourage students to practice  
waste reduction green actions, e.g.  
bring your own water bottle and  
handkerchief



## 2. 升級再造概念 Concept of upcycling



# 升級再造概念 Concept of upcycling

「升級再造」是甚麼？ What is upcycling?



- 將原本要丟到堆填區的廢棄物，賦予新的用途  
Upcycling means taking discarded items that would otherwise end up in a landfill and giving them a new purpose
- 亦稱為創意再利用，意指將原材料升級為擁有更高價值的物品  
Upcycling is also referred to Creative Reuse, means upgrading raw materials into items of higher value
- 「升級再造」不會改變廢棄物原本的形態，只是將其改頭換面  
Upcycling does not change the form of the original object. It simply reuses it in a fresh new way.

# 升級再造概念 Concept of upcycling



升級再造 vs 循環再造  
Upcycling vs Recycling



將舊橫額改造成環保袋  
Converting old banners into  
recycle bags



將玻璃啤酒瓶打碎，並與  
沙混和製成環保磚  
Smashing beer bottles and  
mixing the crushed glass  
with sand to make bricks



將碎布修剪成統一尺寸，  
並縫合成百家布  
Trimming the fabrics to same  
size and sewing them together  
into a big cloth



用熱水浸泡舊書，  
取得紙漿製成再造紙  
Boiling used books and  
using the pulp to make  
'eco-friendly' printing paper

# 升級再造概念 Concept of upcycling

將紙張或膠樽再造成玩具、禮物盒、花盤、節日裝飾等

Recreate paper or plastic bottles into toys, gift boxes, flower trays, festive decoration etc.



# 升級再造概念 Concept of upcycling

- 收集，運輸和再加工過程亦需要消耗能源
- Collection, transportation, and reprocessing also consume energy
- 多想一步廢棄品的其他用途，再進行棄置回收
- Consider alternative uses for discarded items before disposal and recycling

回收種類 Recyclables	回收貼士 Recycling Tips	可回收 YES	不接受 NO
<b>紙張</b> Paper	除雜質 Remove non-paper materials — 勿濕水 Keep dry	報紙 辦公室紙 書刊 紙皮	紙巾/抹布紙 含有塑膠成分的紙張 熱感紙 相片
<b>金屬</b> Metals	清空及清潔 Empty & clean	鐵罐 全金屬煮食用具 鋁罐 其他金屬	壓縮氣體罐 化學品容器 琺瑯鑄鐵鍋 易潔鑊
<b>膠樽</b> Plastic Bottles	清空及清潔 Empty & clean	飲品樽 個人護理用品樽 清潔液樽	
<b>其他塑膠</b> Other Plastics	清空及清潔 Empty & clean	膠袋 包裝物料 光碟 即棄餐具	橡膠 矽膠 複合物料
<b>玻璃樽</b> Glass Bottles	清空及清潔 Empty & clean — 輕放 Handle with care	飲品樽 醬料樽 食品樽	煮食容器/餐具 化學品容器 水晶/瓷器
<b>慳電膽及光管</b> Fluorescent Lamps & Tubes	妥善包好破損燈膽或燈管 Properly wrap broken lamps or tubes	慳電膽 高強度氣體放電燈 所有熒光燈管	鎢絲燈泡
<b>充電電池</b> Rechargeable Batteries		便攜式充電電池	一次性電池 汽車鉛酸電池
<b>小型電器</b> Small Electrical Appliances	整理電線 Tidy up cables — 輕放 Handle with care	一般小型家用電器(如電風扇、吸塵機、一般燈具、電焗爐、數碼相機、智能手機) General household appliances (e.g. hair dryers, vacuum cleaners, lamp sets, electric ovens, digital cameras, mobile phones)	
<b>四電一腦</b> Regulated Electrical Equipment (REE)	整理電線 Tidy up cables	空調機 抽濕機 雪櫃 洗衣機/乾衣機 打印機/掃描器 電視/電腦/顯示器	
<b>紙包飲品盒</b> Beverage Cartons	剪開及清潔 Cut & clean — 去除膠蓋等塑膠部分 Remove plastic parts, e.g. plastic caps	鋁箔盒 牛奶盒	

**廚餘**  
Food Waste  
除雜質 · 瀝乾  
Remove non-food waste · Drain liquid

**可回收**

穀物  
Wheat & Grains

蔬果  
Fruits & Vegetables

肉類  
Meats

殘渣  
Residues

生、熟、吃剩或變壞食物也可回收  
Raw, cooked, leftover or spoiled food can be recycled

**不接受**

惰性物料  
Inert Materials

水分過多  
Watery Food

過硬物料  
Hard Materials

過大物料  
Oversized Materials

如不確定能否回收，請避免放入廚餘回收桶  
If you have doubt, please avoid putting into food waste recycling bin

廚餘例子未能盡錄  
Food waste examples are not exhaustive

了解更多  
More Details

廚餘分類短片  
Video on Food Waste Source Separation



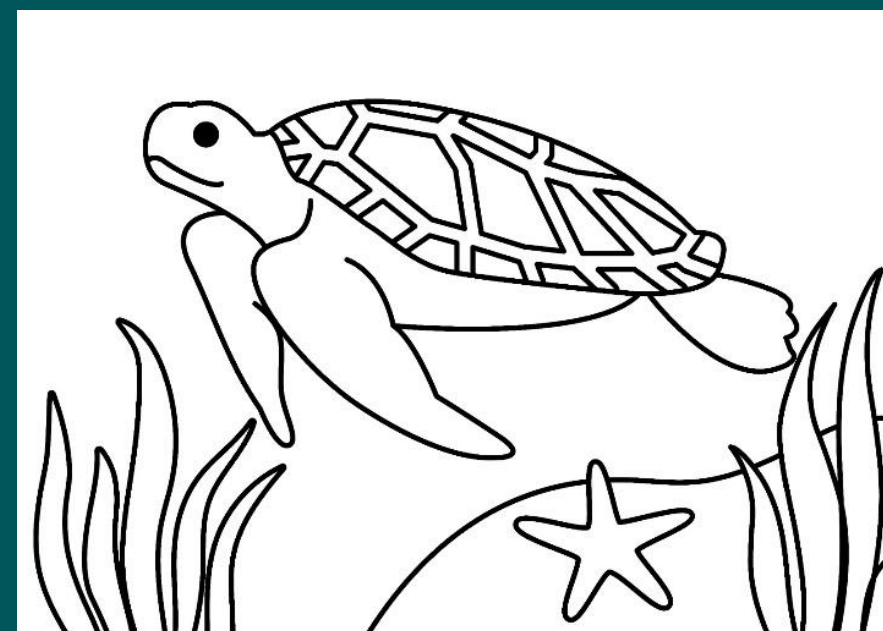
### 3. 「教學資源—課室探索區：保育角」活動詳情

#### Learning & Teaching Kit – Exploration area: Conservation Corner in classroom details



# 教學資源物資 Learning & Teaching Kit materials

將於一月開始陸續郵寄到學校  
Start mailing to schools from January



1. 建議教學活動方案  
( 中文版及英文版 )  
Suggested teaching plan  
(Chinese and English version)

2. 海洋公園電子故事書  
Ocean Park e-Storybook

3. 升級再造拼貼畫板  
( 兩款各一 ; A1尺寸 )  
Upcycling artboards  
(one of each of the two  
models; A1 size)

4. 升級再造拼貼畫板草稿紙  
( 兩款各一 ; A3尺寸 )  
Upcycling artboards draft paper  
(one of each of the two models;  
A3 size)

# 建議教學活動方案內容

## Content of Suggested Teaching Plan

### 課室探索區:保育角 (幼稚園參考教案)

#### 目錄

#### 背景資料

#### 「課室探索區:保育角」目的

#### 教材套簡介

#### 教案主題一: 海洋

#### 教案主題二: 竹林

### Learning and Teaching Kit (Kindergarten Only)

Content	P.2
Background Information	P.3
Objectives and concepts of "Exploration Area: Conservation Corner"	P.4
Introduction to the "Learning and Teaching Kit"	P.5-6
Lesson Plan Theme 1: Ocean	P.7-12
Lesson Plan Theme 2: Bamboo Forest	P.13-21



### 包括：

- 活動目標及相關概念
- 兩大主題活動教案詳情

( 海洋及竹林 )

1. 事前準備
2. 引入活動
3. 重點活動
4. 延伸活動

### Including:

- Activity Objectives and Related Concepts
- Details of the lesson plans of the two themes

(Ocean and Bamboo Forest)

1. Preparation
2. Induction
3. Main Activity
4. Extended Activity

# 建議教學活動方案內容

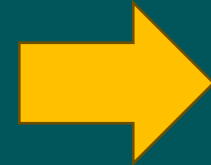
## Content of Suggested Teaching Plan

### 活動四大目標

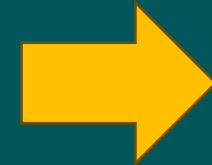
### Four Key Objectives



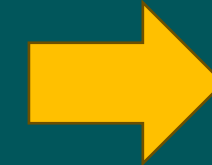
1. 動物在環境中面對的威脅  
Understand the threats to animals  
in the wild



2. 建立廢物重用概念  
Develop the concept of  
waste reuse



3. 清潔回收物及進行  
三色回收  
Cleaning recyclables and  
conduct the three-colour  
recycling



4. 實踐升級再造  
Practise upcycling

# 建議教學活動方案內容

## Content of Suggested Teaching Plan

### 相關學習概念

### Relevant Knowledge & Concept



運用各感官  
進行觀察

To observe by using  
the senses



探索四周的事物  
和大自然現象

To explore  
surroundings and  
nature



欣賞、尊重和  
愛護大自然

To appreciate  
respect and care for  
nature



實踐環保生活

To live an  
environmentally-  
friendly life



大自然與生活

Nature and living

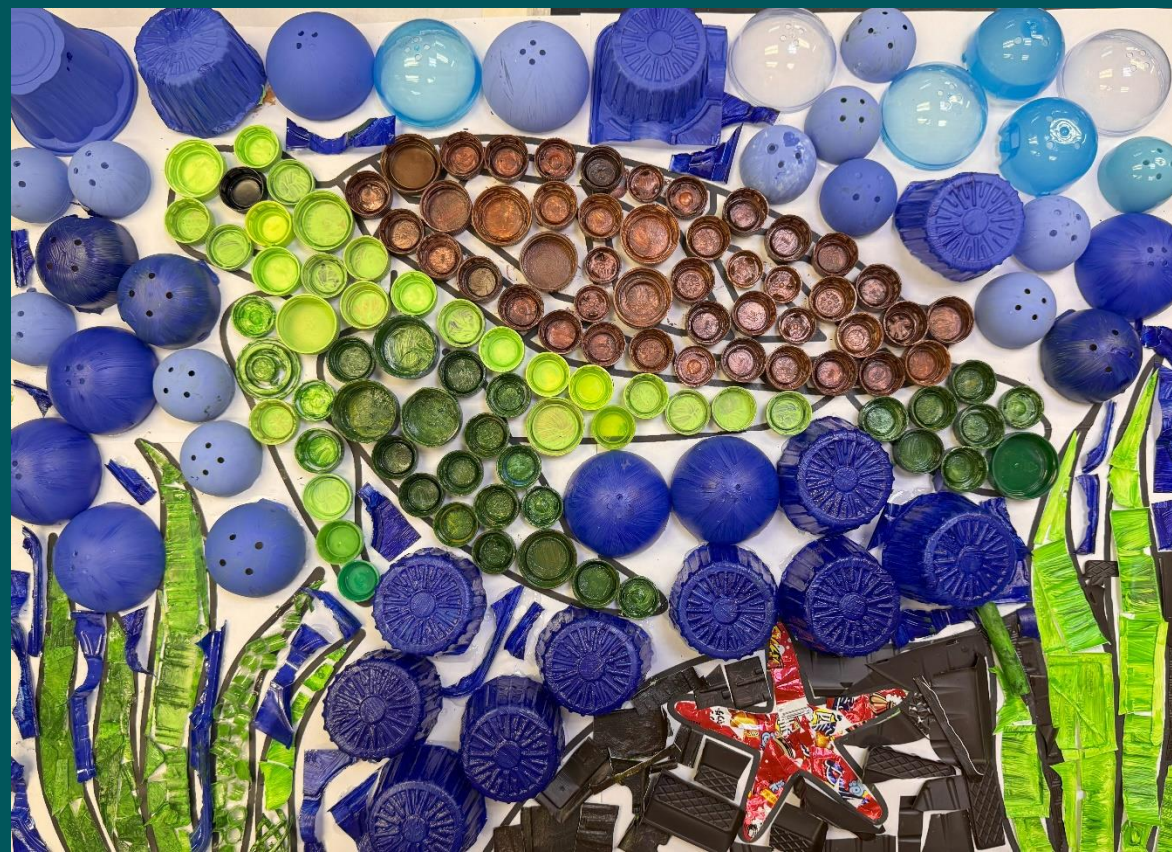
# 建議教學活動方案內容

## Content of Suggested Teaching Plan

### 兩大主題活動

### Two Major Themed Activities

海洋主題 ( 塑膠廢物 )  
Ocean Theme (Plastic waste)



竹林主題 ( 紙張廢物 )  
Bamboo theme (Paper waste)



### 1. 事前準備 Preparation

通過日常校園生活、引導問題及行動：  
Through activities from daily school life, guiding questions and activity:

#### 海洋 Ocean

- 建立幼兒與海洋的關係，為幼兒建立廢物重用的基本認知  
Establish strong ties between students and the ocean, develop a basic understanding of waste reuse.

#### 竹林 Bamboo Forest

- 建立幼兒與大自然的關係，讓幼兒嘗試運用五感探索  
Develop students' interest in nature and basic understanding of the use of the five senses



## 2. 引入活動 Induction

透過兩大主題的故事講述及引導問題，令學生：

Through storytelling and guiding questions related to two major themes, to let students

### 海洋 Ocean

- 認識海洋動物的種類及身體特徵  
Get to know about marine animal species and their body features
- 認識海洋動物遇到的威脅  
Understand the threats that marine animals face

### 竹林 Bamboo Forest

- 透過五感認識和探索大自然
- Experience nature through five senses
- 認識人類與大自然的關係
- Explore the relationship between humans and nature





## 引入活動：

和威威與好友一同到深海歷險，過程中將遇上不同難題，大家要同心協力一同解決，並承諾好好保護海洋及動物朋友！

Embark on a deep sea adventure with Whiskers and Friends. You may encounter different problems in the journey, and we have to work together to solve them. Lets promise to protect the ocean and our animal friends!





與小紅熊一起「感官先發現」，加入自然守護隊，利用五感一同感受和探索大自然！  
“Stop and discover” with Redd! Let's join the Nature Guardians, Learn more about the nature with your five senses!



### 3. 重點活動 Key Activities

透過不同的主題活動，讓幼兒逐步達成四大活動目標

Through various themed activities, students progressively achieve the four key activity objectives.

活動形式 Activity Format :

- 遊戲、討論、講解及勞作  
Games, discussions, lecture and crafts



### 3. 重點活動 Key Activities



1. 動物在環境中面對的威脅  
Understand the threats to animals  
in the wild

形式 Activity Format :  
遊戲及討論 Game & Discussion



2. 建立塑膠重用的概念  
Develop the concept of waste reuse

形式 Activity Format :  
講解及勞作 Lecture & Crafts



3. 清潔回收物及進行三色回收  
Learn about cleaning procedure of  
recyclables and three-colour recycling

形式 Activity Format :  
遊戲及討論 Game & Discussion

### 3. 重點活動 Key Activities



1. 動物在環境中面對的威脅  
Understand the threats to animals in  
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形式 Activity Format :  
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Learn about cleaning procedure of  
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形式 Activity Format :  
遊戲及討論 Game & Discussion

## 3. 重點活動 Key Activities

### 實踐「升級改造」 Practise Upcycling

利用回收物進行升級改造，堆砌出一幅畫作

Upgrade the value of recyclables by building an artwork with them

升級改造方法：裁剪及填色

Upcycling Method: Cutting and Coloring

事前準備 Preparation :

1. 收集並清潔廢物，廢物種類可為塑膠（海洋）及廢紙（竹林）  
Collect and clean waste materials, such as plastic (ocean) and  
wasted paper (bamboo)

2. 為畫作定立顏色（可利用A3草稿紙）

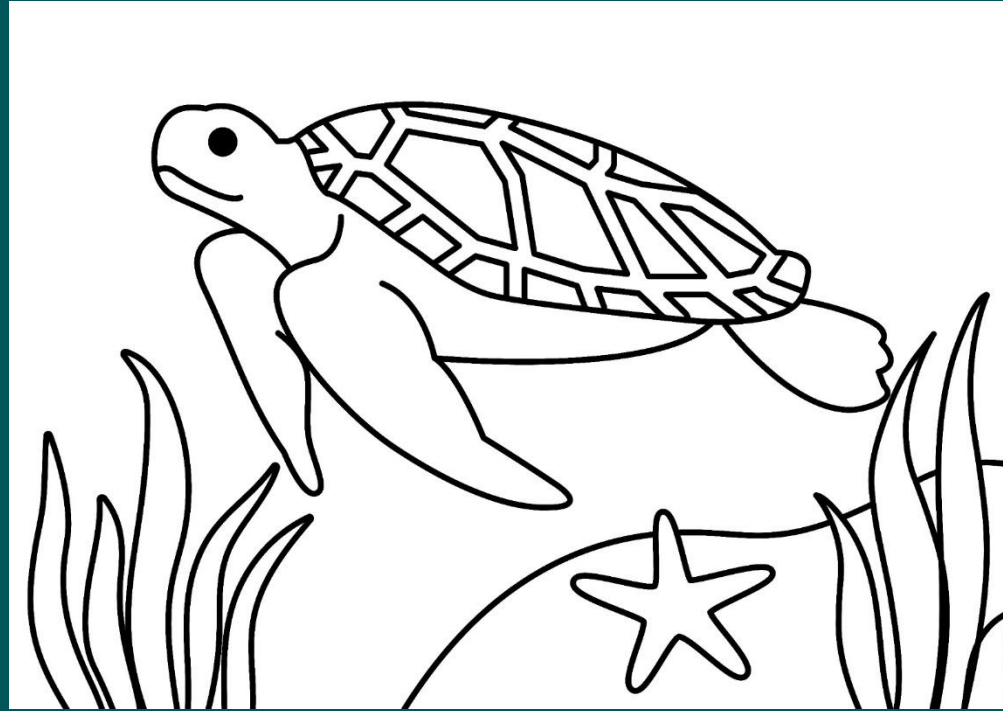
Design the colour for the collage artboard (using A3 draft paper)

3. 動手創作升級改造!

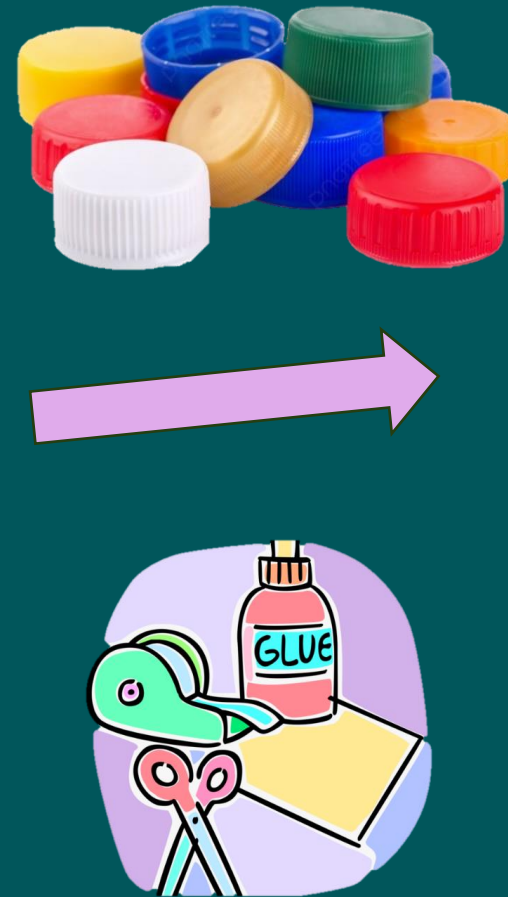
Get creative with upcycling!



## 拼貼畫板 Collage artboard



塑膠  
Plastic

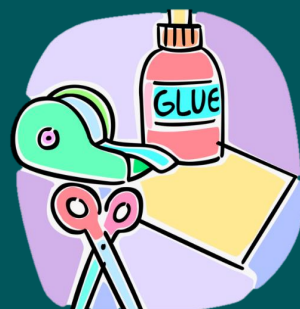


利用校園回收塑膠，例如膠樽蓋等，依圖填色及裁剪進行拼貼，師生合力完成並於校內展示  
Utilising recycled plastics from the school, such as plastic bottle caps, collaborate to create collages by cutting out shapes according to templates and colouring them in. Teachers can display the artwork at school

## 拼貼畫板 Collage artboard

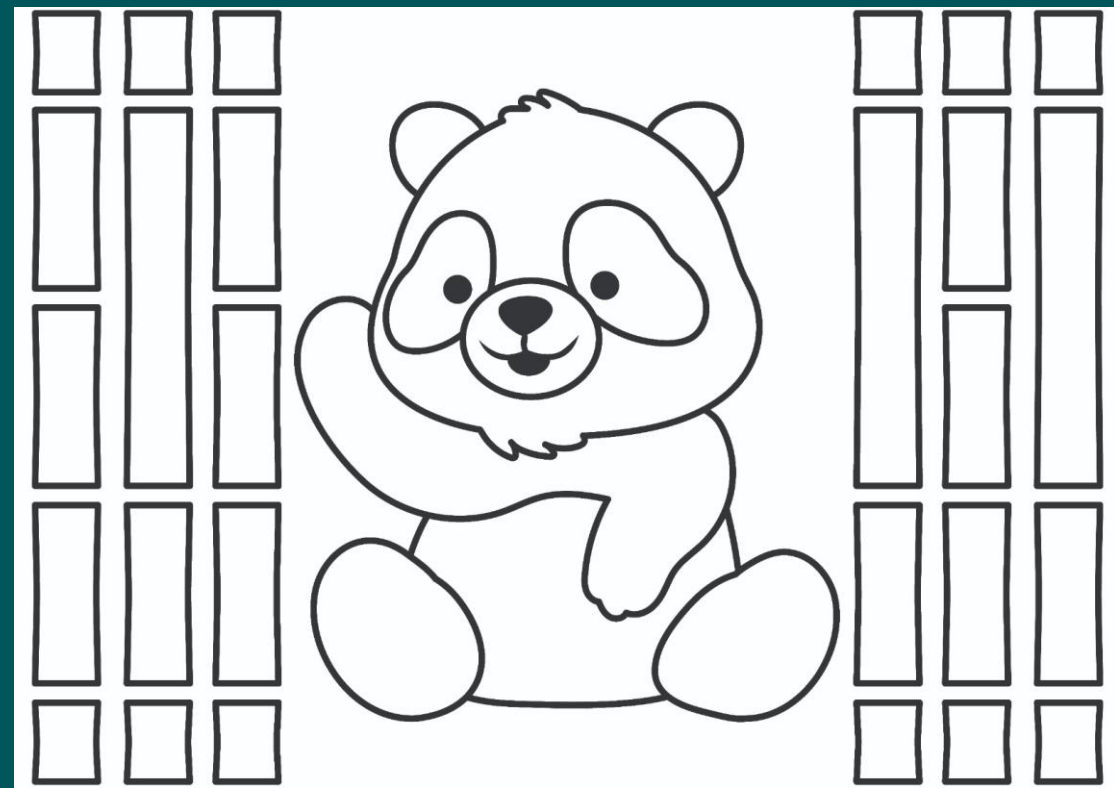


竹林 ( 廢紙主題 )  
Bamboo (Wasted paper theme)

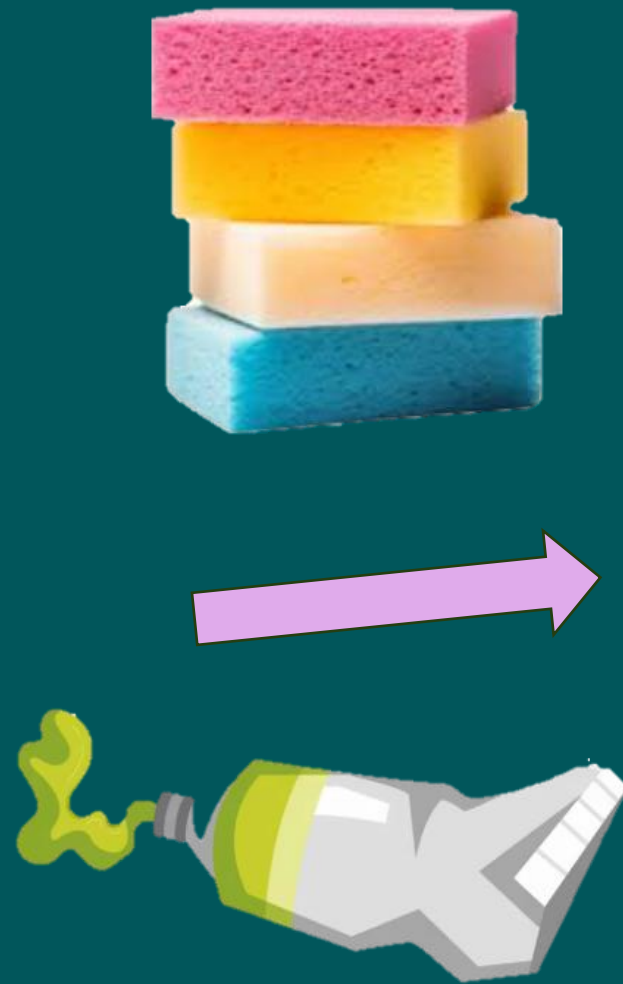


利用校園回收廢紙，例如廁紙筒等，依圖案進行拼貼，師生合力完成並於校內展示  
Utilising recycled paper from the school, such as toilet paper roll, collaborate to create collages by cutting out shapes according to templates. Teachers can display the artwork at school.

## 拼貼畫板 Collage artboard



廢紙  
Wasted paper



製作竹葉印畫，使用海綿進行印畫創作  
Creating bamboo leaf prints using a sponge for printmaking

### 4. 延伸活動 Extended Activity

#### 作品展示及觀賞 Artwork Display and Appreciation

將堆砌完成的畫作放在校園內展示

Display the completed collage artworks throughout the campus

- 在校推廣升級改造的概念  
Promote the concept of upcycling within the school
- 鼓勵幼兒發揮創意，思考廢物的不同用處，建立「不浪費」的習慣

Encourage students to unleash their creativity, explore alternative uses for waste materials, and cultivate a habit of “zero waste”

#### 總結 Conclusion

- 感謝及讚美幼兒在整個活動的付出，重申減廢的重要性，鼓勵幼兒在日常生活中實踐所學

Express gratitude and praise for the children's dedication throughout the activity, reiterate the importance of waste reduction, and encourage them to apply in daily life





## 4. 海馬同學會成員角色 Role of Seahorse Rangers



# 海馬同學會成員角色 Role of Seahorse Rangers

向全校宣傳減廢回收的生活習慣，並推行回收行動  
Appoint Seahorse Rangers to promote recycling and handle recyclables regularly



宣傳  
Promotion

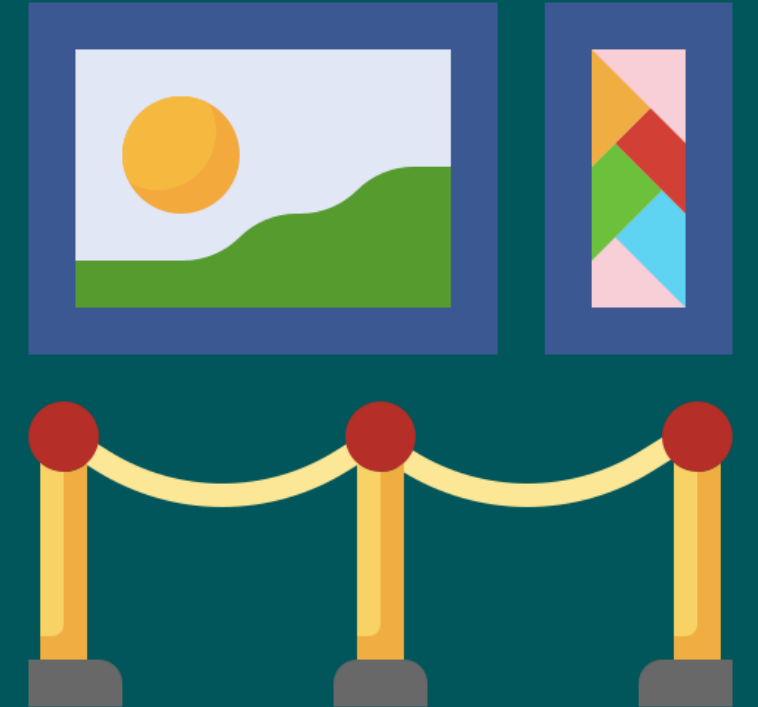


協助收集回收物  
Assist in collecting recyclables

於校內或校外推行相關活動  
Organize related activities at school or outside school



分享保育活動的想法和經驗  
Share experience on various conservation related projects or activities



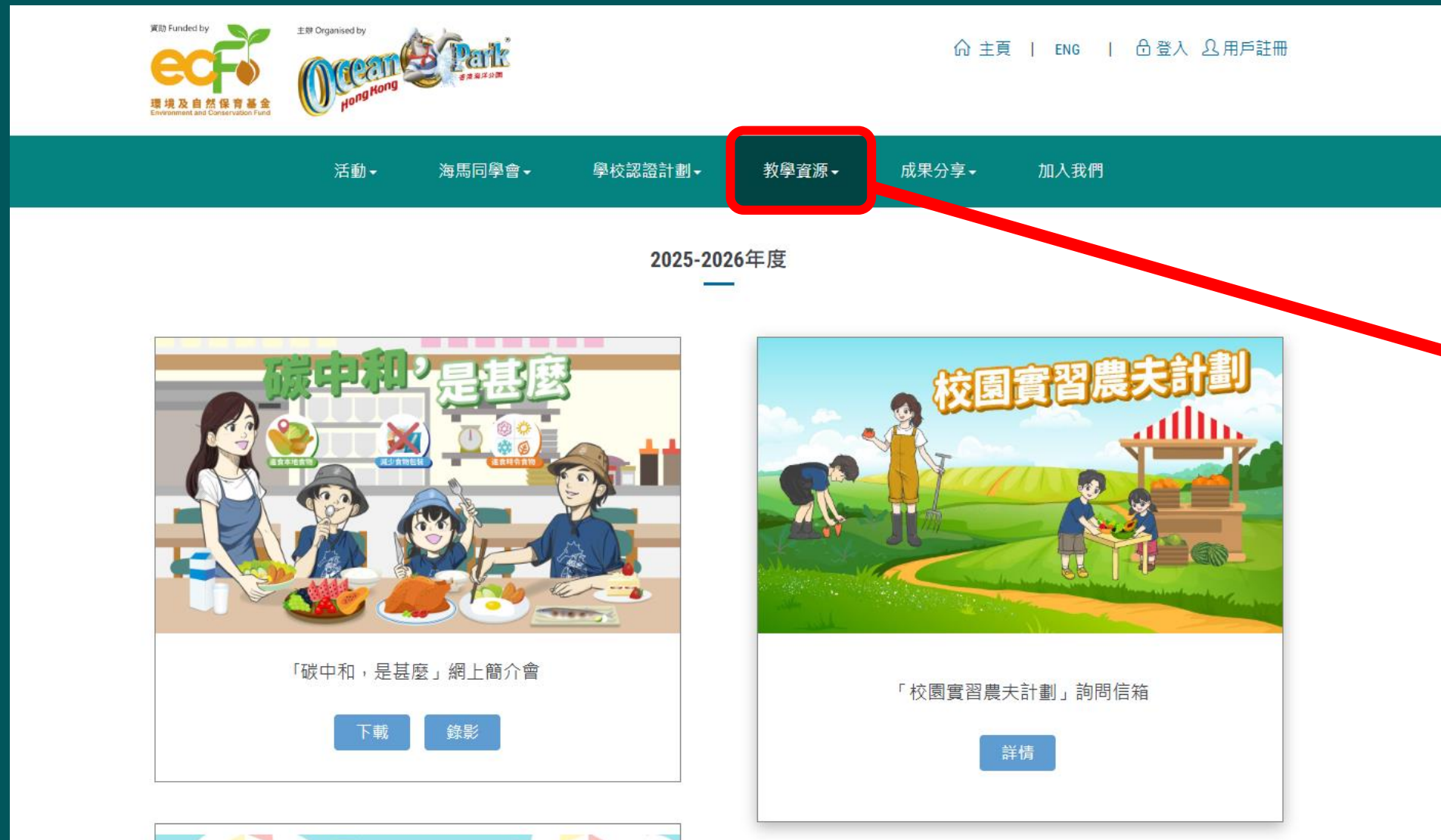
展示於保育方面的努力和成果  
Exchange ideas & hard work done throughout the academic year to the general public



## 5. 教學資源 Resources



## 網上內容 Online Material



教學資源 > 2025-2026學年 > 「教學資源—課室探索區：保育角」  
Resources > 2025-2026 Resources > Conservation Corner in classroom



## 6. 未來活動提醒

# Upcoming Activity Reminder





# 未來活動提醒 Upcoming Activity Reminder

SGREEN回收在校園 數據提交  
SGREEN Recycling at School Data submission

我的帳戶



校園實習農夫計劃-學界本地農墟

截止日期: 2025年9月26日

提交



SGREEN 回收在校園 數據提交

日期: 2025年12月1-12日

提交

\*廢紙 (公斤)

\*金屬 (公斤)

\*塑膠 (公斤)

其他回收物 (公斤)

請註明種類

相關照片證明

未選擇任何檔案

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2025年12月1-12日  
1-12 December 2025

提交第一次SGREEN數據  
Submission of first data of SGREEN



# 未來活動提醒 Upcoming Activity Reminder

2026年1月31日 (星期六)  
31<sup>st</sup> January, 2026 (Sat)



海馬同學會誓師大會  
Seahorse Rangers Pledging Ceremony



「食本地鮮」春茗  
“Eat Local” Spring Reception



學界本地農墟  
Local Food Festival

邀請函將於稍後時間透過電郵向學校發出  
Invitation will be sent to schools via email at a later date



# 提問環節

## Q&A session



