Wetland Detective
Handbook

Nothing is hard for me! :)

Group Name: _____________
Date: ____________________
Checkpoint 1 Ramsar Site

We are now going to enter Mai Po Nature Reserve. Try to look around the entrance. Is there any cues showing Mai Po is suitable for wildlife like LOLO is live in?

Your findings:

1) Before the public enter the nature reserve, they have to…
   - A. bring their binoculars
   - B. apply for an entry permit
   - C. wear long sleeve clothing

2) The international name of Mai Po and its surrounding wetland is called ____________________________, which conserve the greatest piece of exiting wetland in Hong kong, and brought huge benefits to wildlife in the reserve.
3) In Mai Po, what else can be found apart from many kinds of birds? List 3 examples.

<table>
<thead>
<tr>
<th>Bird Species</th>
<th>Count</th>
<th>Bird Species</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td>3.</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td>4.</td>
<td></td>
</tr>
</tbody>
</table>

**Checkpoint 2 Bird Watching**

**Your findings:**

1. In Tower Hide, identify different bird species and count the number for each of the species you have found.
2. Draw/ describe the appearance and behaviour for one of the birds that you found.

<table>
<thead>
<tr>
<th>Bird Species:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Behaviour:</td>
</tr>
<tr>
<td>Standing / Walking / Flying / Preening / Bathing / Skipping / Eating / Calling</td>
</tr>
</tbody>
</table>

3. Is the environment outside the hide suitable for wild animals to food hunting?
(Yes / No), because…

________________________________________________________________________
________________________________________________________________________

________________________________________________________________________
Checkpoint 3 Sound of Nature

Just now we have used our eyes to observe. Now it’s time to listen to the sounds from Mai Po’s environment!

Your findings:

1. Try to list the sounds that you hear in Mai Po, and circle the unnatural sound.

2. Think about: Is the existence of the unnatural sounds good or bad to the environment?

3. One of the sounds that your group likes the most is ____________________________, because__________________________________________.
**Checkpoint 4 Plant Adaptation**

In the reserve there are many **wetland plants** and **terrestrial plants**. What are the differences between them? How wetland plants adapt to their living environment?

**Your findings:**

1. According to the cues from the picture, find these four types of falling leaves, and you may write down their important information in the space area. (Detectives please do not pick the leaves on the tree!)

<table>
<thead>
<tr>
<th>A</th>
<th>Terrestrial plant / Wetland plant</th>
</tr>
</thead>
</table>
| ![Leaf A](image) | **Cue 1**: It has 3 distinctive leaf vein, looks like bird’s claw  
**Cue 2**: Touch the jointing point of the leaf vein. There is a swollen dot. |
| ![Leaf B](image) | **Cue 1**: This greenly part is not leaf, it looks like a pen |

| B | Terrestrial plant / Wetland plant |

**Touch**
B. Different from terrestrial plants, wetland plants usually…

- □ have thicker leaf blades.
- □ have stingy scent.
- □ have a special shape for their reproductive structure.
- □ can only absorb freshwater.
Checkpoint 5 Wetland and me

Conclusion

Do you think Mai Po is suitable for LOLO to live in?

(Suitable / Not suitable)

Reason:

Congratulations! You have completed the mission!