

Poster Design as a new assessment task – another way to learn

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Poster Design as a new assessment task – another way to learn

- **GE course : Nature and Conservation in Hong Kong**
 - **Course Aims**
 - **Course Intended Learning Outcomes**
 - **Assignments**
- **Survey**
- **Results and Analysis**
- **Look Forward**

Course – Nature & Conservation in HK

- ▶ **GE course** for Associate Degree students
- ▶ **Domain** : Science and Technology
- ▶ **Aims** to :
 - ▶ help the students to appreciate various natural resources in HK
 - ▶ understand the threats and conservation status of these valuable resources
 - ▶ develop skills in identifying various organisms and landscapes
 - ▶ evaluate the existing conservation methods of the government



Course – Nature & Conservation in HK

► Course Intended Learning Outcomes

- Identify the biological and geological resources in Hong Kong
- Analyse the impacts of human activities on the natural heritage sites
- Evaluate the effectiveness of conservation policies for biological and geological resources
- Reflect on citizens' responsibility on nature conservation



Course – Nature & Conservation in HK

► Assignment :

1. **Poster** to promote the conservation of an endangered species (group work)
2. **After visit reports** to a heritage site and a geological place (group work)
3. **After visit report** to a biological resource site (individual work)
4. **Newspaper summary & reflection** on conservation issues and reflection (individual work)



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 **Biological Resources** 




**After visit report
(Individual)**

**Biological / Cultural /
Geological Resources**



 **Newspaper
summary
(Individual)**

**Geological & Cultural
Resources**




**After visit
reports
(GROUP)**

**POSTER
(GROUP)**



🗨️ Survey to get students' feedback 🗨️

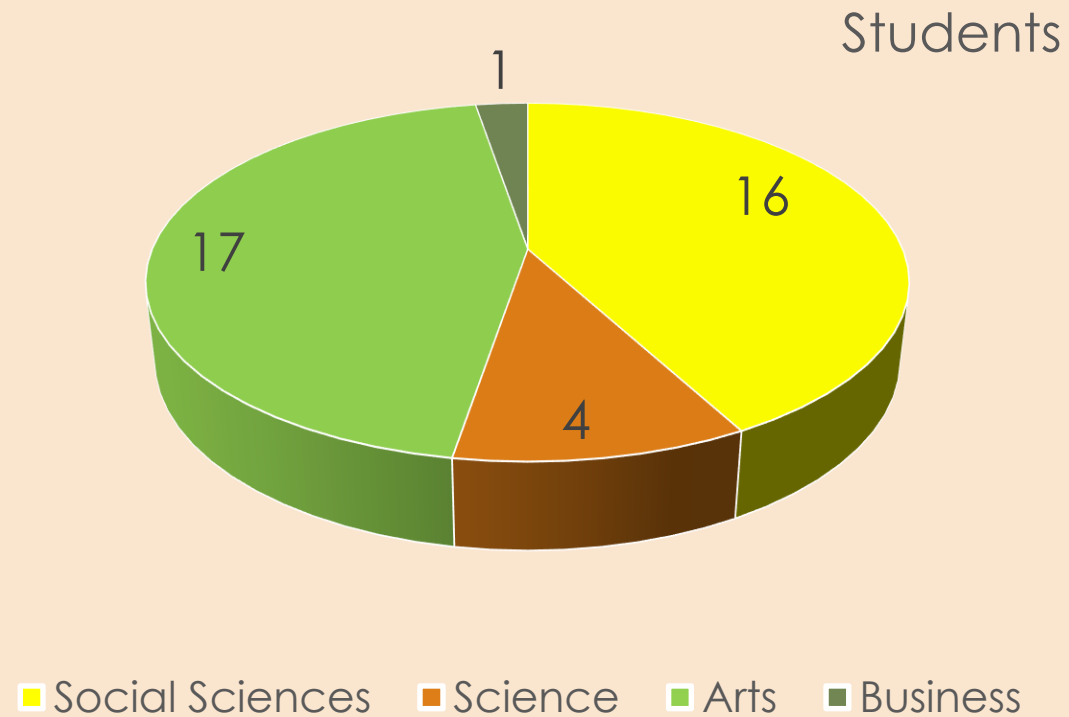
SURVEY



1. Which assignment you enjoy?
2. Why do you like these assignments?
3. Which generic skills you have learnt through these assignment?
4. Match CLOs vs different assignment
5. Any suggestion on future assignment

Results and Analysis

41 responses

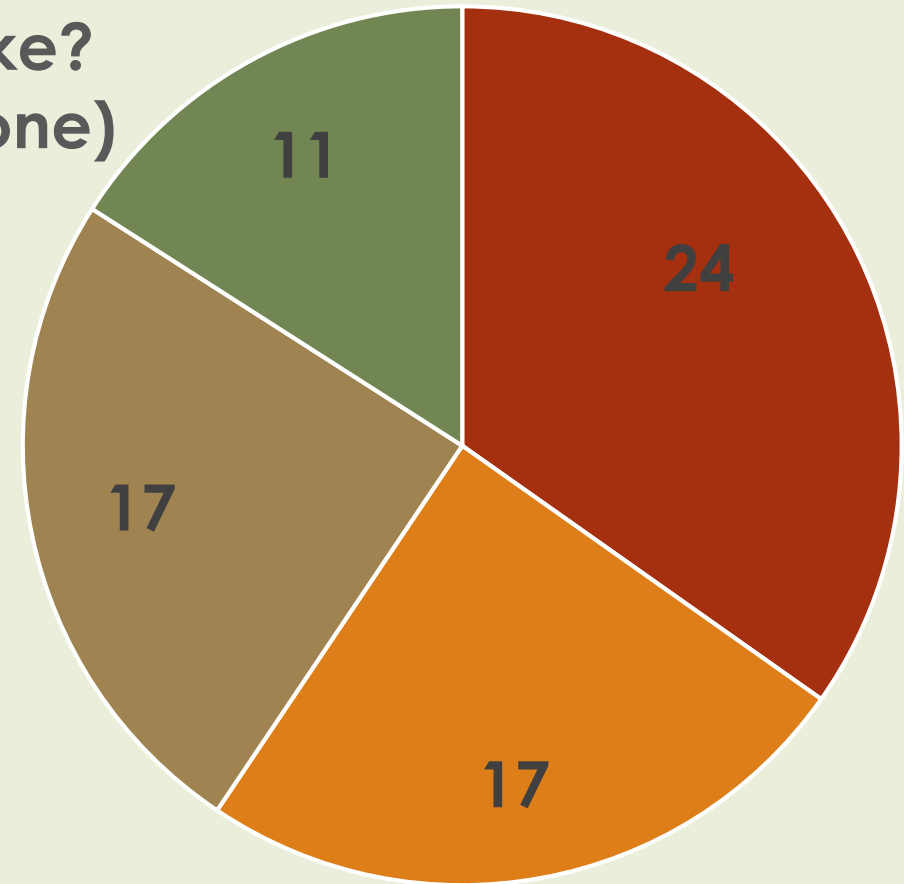


Results and Analysis

Which assignment you like?
(Can choose more than one)

In fact, 14 students out of 41
chose POSTER only (~34%)

- Poster
- Individual Report
- Group Report
- News Summary



Results and Analysis

- More **easier**
- More **educational**
- Most interesting
- Not so difficult
- **Interesting**
- For poster, we can use a bit of our creativity
- Can do the project together
- It's creative and **fun**
- I enjoy to draw
- It's fun and easy to work for
- **Creative**
- That's more creative to us because we can design the poster by ourselves
- Can make use of creativity
- Interesting and **new**

POSTER



CHINESE WHITE DOLPHINS



Reclamation



Construction of Hong Kong-Zhuhai-Macao Bridge



Construction of HKIA's Three-Runway System Project



Noise from high-speed traffic



Water pollution (marine garbage)



Insufficient areas for marine parks

What now?



Chinese white dolphin conservation programme and action plan



1. Policy advocacy
2. Campaigns
3. Researches and seminars

What more...

Stop reclamation



Change routes of traffic to avoid habitats of Chinese white dolphins



Public education on marine littering



Suggestion to government about enlargement of marine parks



Only **47** Chinese White Dolphins left in Hong Kong waters, with only **1** newborn last year!!



Want to know more? Go to WWF at <https://www.wwf.org.hk/en/reslib/species/chiwhitedolphin/>

Results and Analysis

- Explore my horizon through go to the different places in Hong Kong
- It is **interesting to visit**
- Enjoy the **nature**
- I like to visit some parks and museum
- I can have a trip with friends
- I enjoyed the trip to Mui Wo.
- Can travel to different places
- Because this is a good opportunity go to the park to watch the animals
- Different ways to do a homework

Group after visit reports



Results and Analysis

- Not group work
- It is **individual**
- Enjoy the **nature**
- Activities
- I can visit some places where I haven't visited before
- Because I can finish by my own, better effectiveness
- No free rider
- Because of individual work
- Funny
- I like Mui Wo
- Can learn things out of the book



Individual after
visit report



Results and Analysis

- **No free rider**
- The **workload** was not heavy
- Not group work
- Discover problem of **climate change**
- Because of individual work

Newspaper
Summary



Results and Analysis

Poster - Matching with Course Intended Learning Outcomes (please tick if you think this assignment can help the followings)

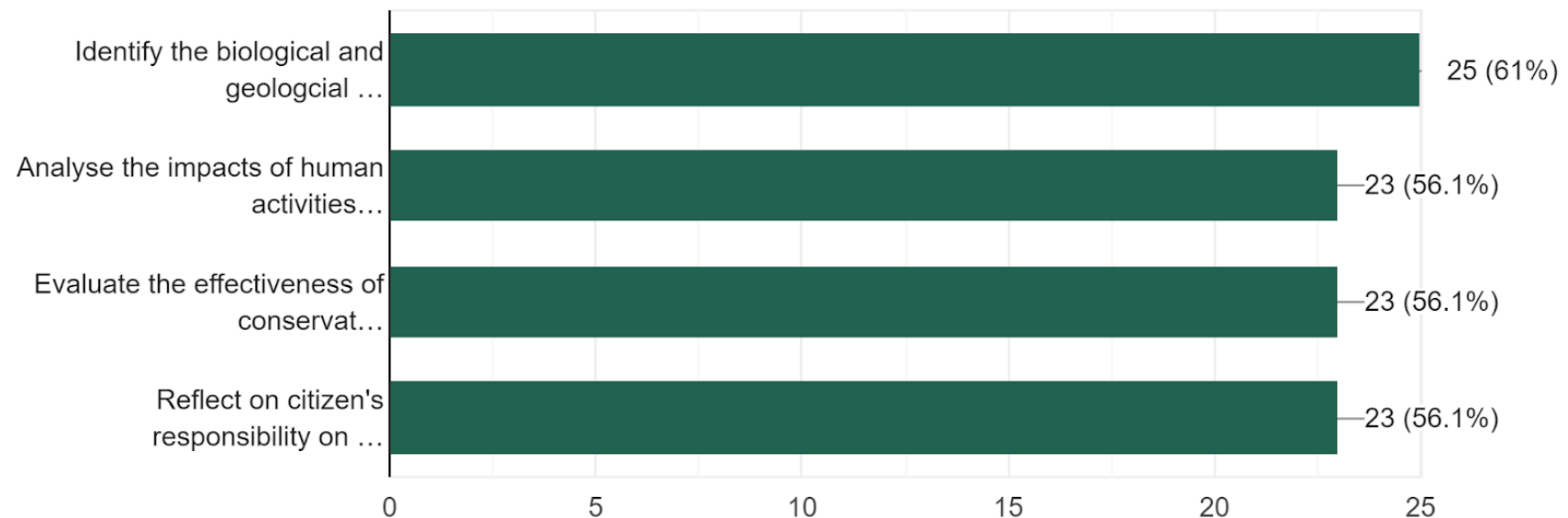
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Results and Analysis

Group visit report - Matching with Course Intended Learning Outcomes
(please tick if you think this assignment can help the followings)

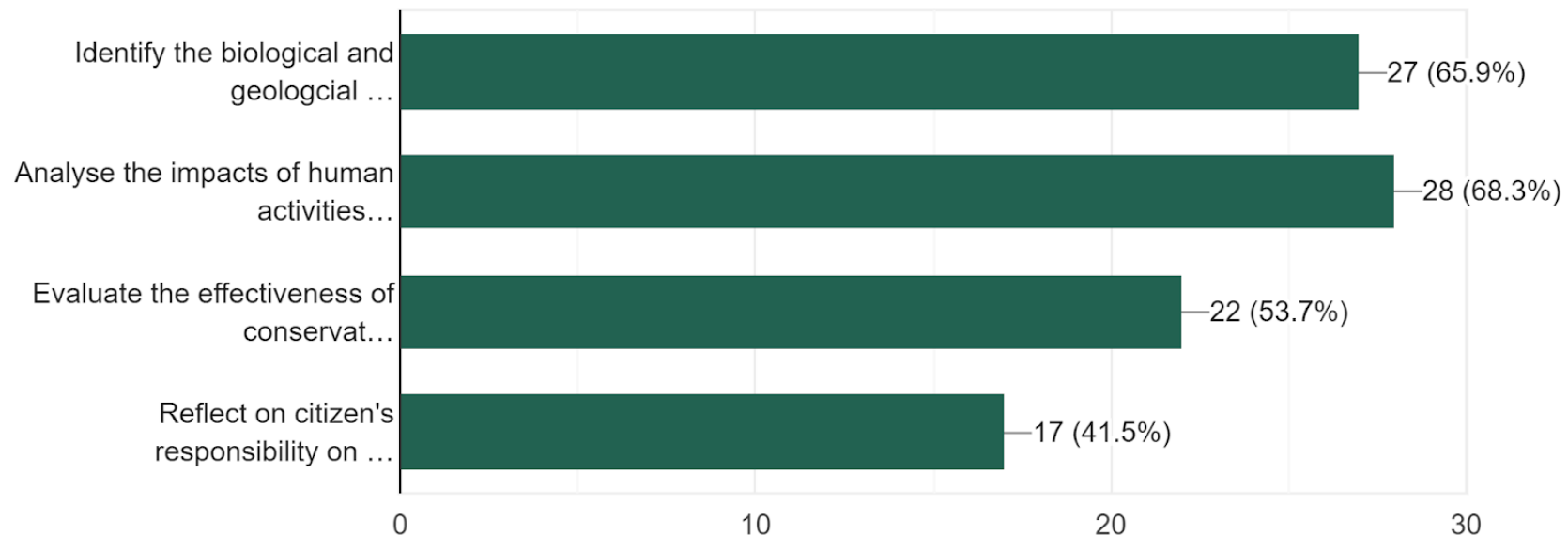
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Results and Analysis

Individual visit report - Matching with Course Intended Learning Outcomes
(please tick if you think this assignment can help the followings)

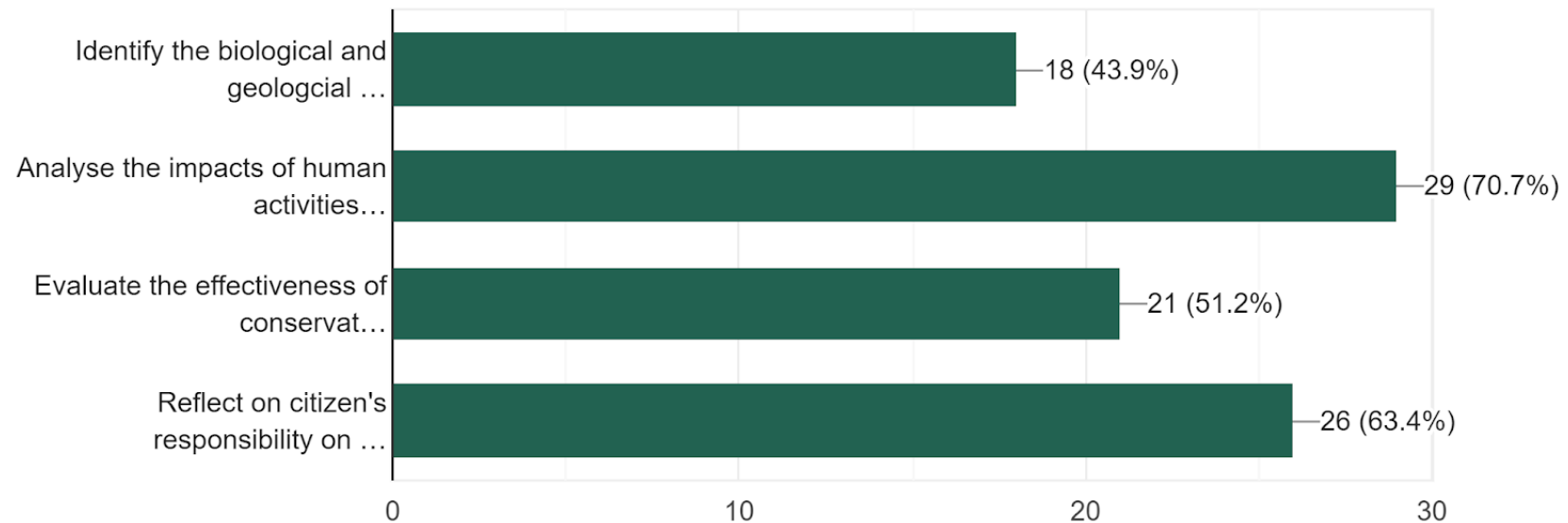
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Results and Analysis

Newspaper summary & Reflection - Matching with Course Intended Learning Outcomes (please tick if you ...s assignment can help the followings)

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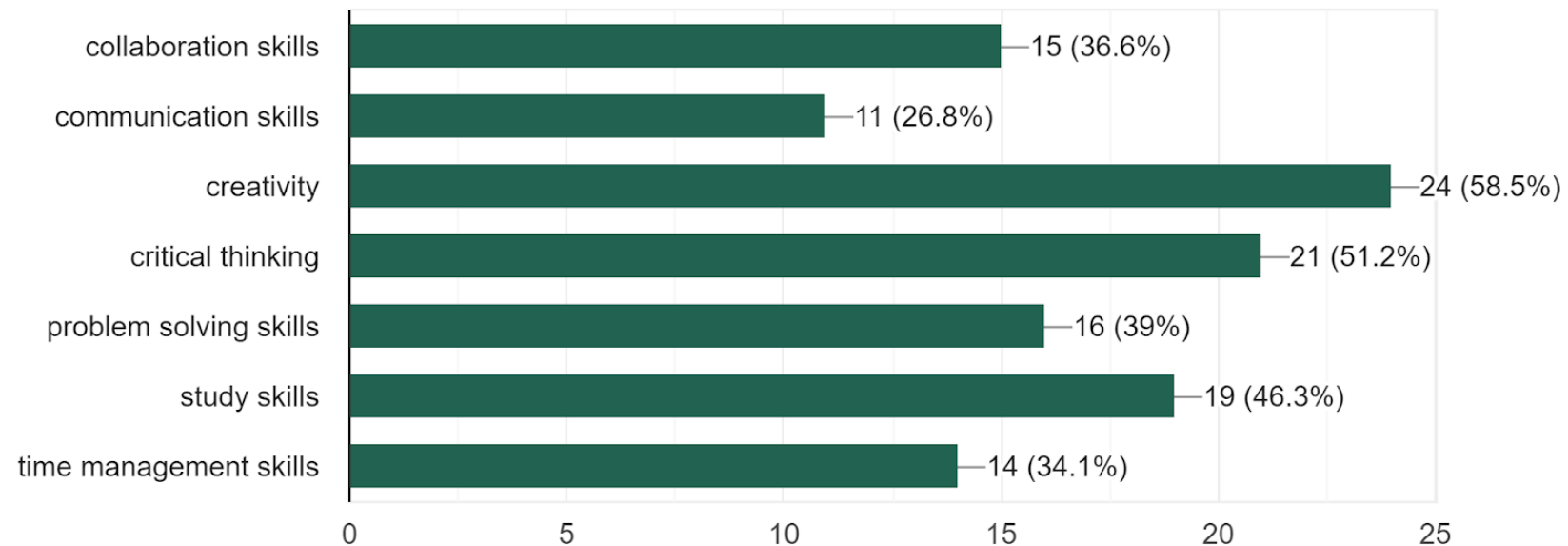
Results and Analysis – matching with CLOs

- Identify the biological and geological resources in Hong Kong
 - **(GROUP VISIT REPORT-61%)**
- Analyse the impacts of human activities on the natural heritage sites
 - **(NEWSPAPER SUMMARY-70.7%)**
 - **(INDIVIDUAL VISIT REPORT-68.3%)**
- Evaluate the effectiveness of conservation policies for biological and geological resources
- Reflect on citizens' responsibility on nature conservation
 - **(POSTER-61%)**

Results and Analysis

Which generic skills you have learnt through ALL these projects? (You can choose more than one)

41 則回應








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CHINESE WHITE DOLPHINS
 Chinese white dolphins are a critically endangered species. Only Chinese White Dolphins left in Hong Kong waters, with only newborn last year!
 What more? Stop reclamation, Change routes of traffic to avoid habitats of Chinese white dolphins, Public education on marine life, Suggestion to government about marine parks.

Let's Protect Romer's tree frog!
ENDANGERED
 Romer's Tree Frog Facts: Romer's tree frog was found by John D. Romer in Lam Tin Island in 1962. Possible reasons they were extirpated due to collapse. Please identify Romer's tree frog.

WHAT IF YOUR HABITAT WAS DESTROYED BY US?
Fact
 Humans have cleared much of the forest. They cannot adapt to the outside of their forest. Other causes of endangerment: inability of reproducing due to their forest habitat, their forest habitat is being destroyed, they lose the stable job of a forest habitat.

ECO TOURISM
To Do
 We are the ones that have destroyed it. Stop buying and taking the natural resources in the area.

Why
 We are the ones that have destroyed it. Stop buying and taking the natural resources in the area.

GREEN TURT
 JELLYFISH, PLASTIC BAGS, WARMER SEA SURFACE TEMPERATURES, THE SEX OF OFFSPRING IS AFFECTED BY TEMPERATURE, LOSSES OF IMPORTANT FORAGING GROUNDS.
 Killing and Capturing, Illegal trading, Illegal consumption.

Hong Kong Paradise Fish
 Why are they endangered?
 Habitat destruction and development, Commerce threat from urbanization, Vulnerable to collection for the local and regional pet trade.
 How can we help? No one should be allowed to collect or trade in Hong Kong Paradise Fish.

Romer's Tree Frog
ENDANGERED SPECIES
 Threats: Light Pollution, Habitat Destruction, Modernism in HK, S.E. Asia Migration, Conservation: Penalty Fine.
 Protect endangered species or you...

Posters Designed by Associate Degree Students

Look Forward

Any suggestion on future assignment

- May be less work?
- Great
- No or thank you
- I think it is all right
- **Photography**
- Write **a story** about an animal / plant
- **Research project**
- **Presentation**
- No, already very well
- May be you can **organize more trip**
- Filming conservation **video**
- **Comics**
- % of the poster should be more
- **Video essay** and presentation
- **Drama**
- Role play and video
- Make a **conservation song**
- **Musical**
- **Documentary analysis**
- Video essay on a visit rip
- Comics

If you are teaching courses in.....

➤ Marketing

- A poster to promote a new product

➤ Computer studies

- A poster to promote cyber security

➤ Social work

- A poster to focus on ADHD

➤ English

- A poster used to teach one type of grammar, e.g., preposition

➤ Health Studies

- A poster on promotion of a balanced diet

Look Forward

- Diversity of assessment types
- Make use of posters as samples to teach
- Peer evaluation

INNER VOICE FROM EPINEPHLUS AKAARA

We are endangered animals and added in The IUCN Red List of Threatened Species since 2003. In Hong Kong, artificial reef and marine reserve are **not enough** for us!

what are we facing right now


- **Over-catching**
(reduce our food)
(immature groupers: reduce chances for reproduction)
- **Demands exceed supply**
(wedding receptions)
- **Lack of law protection for us**
- **Water contamination**
(marine garbage and sewages destroy our habitats)

Action for us...

1. 
We want nothing but a better habitat and healthy lives. Please.....stop polluting the ocean!!!

2. Please add us to the list of Fisheries Protection Ordinance Cap 171. We need the government's protection!!!


3. **STOP!**
STOP CATCHING AND EATING US!!!
We want to survive!!!!!!



Yellow-crested Cockatoo

(Grade One State Protected)
Population: Only about 2000 in the world
Native land: Indonesia & East Timor
IUCN Red List: Critically Endangered
Reason: - Overhunting for trade in
- Release to new environment
- Habitat destruction

Hong Kong become an important character of conservation
Why?
Hong Kong is a refuge for Yellow-crested Cockatoo

The population of Yellow-crested Cockatoo is about 200 which is 10% of world total

How...
- There is no natural enemy in HK
- There is academic value to increase protection during the studies
- There are policy advocacies to protect them

More...
- Public education to raise the awareness of public
- Suggest government enhance conservation such as improve the policy and increase the penalty of illegal trade

Frogs Facts !

- endemic species of Hong Kong
- first discovered by naturalist John. D Romer in a cave on Lamma Island in 1952
- endemic species of Hong Kong
- first discovered by naturalist John. D Romer in a cave on Lamma Island in 1952 -1991-1992: around 500 frogs were rescued in Chek Lap Kok and then transported to HKU and Melbourne zoo for artificial reproduction -> specialist decided numbers of sites e.g Kadoorie Farm and returned the artificial reproduced frog and tadpole

We come from the woodlands on Lantau Island, Po Toi Island, Lamma Island, Hong Kong Island and New Territories



Romer's Tree Frog Characteristics

Scientific Name: *Liuixalus romeri*



Size: Among the 23 species of frogs and toads, Romer's treefrog is the smallest in size, which has an average length of 1.5-2 cm. In between, female Romer's treefrogs are in bigger size.

- Camouflage: They have X shape pattern on their back which is brown in colour. This feature enable them to blend into their living environment
- Sticky feet: sucker-like pads , which aid in climbing on leaves and tree branches, exist on the tips on toes and fingers. However, sticky pads of Romer's treefrog are evolved relatively weaker than other frog species so they usually sit on low bushes, buries itself in fallen leaves, or rests on bare ground
- Carnivores: usually eat small insects, e.g termite
- Nocturnal animal



Conservation methods

- 1: protected by Wild Animals Protection Ordinance
- 2: both the breeding and non-breeding habitats of Romer's Tree Frogs in Ngong Ping are included in SSSI
- 3: the Herpetofauna Working Group of AFCD has initiated regular monitoring of the Romer's Tree Frogs and release sites since 2002

Frog Threats !

- their homes located originally in Chek Lap Kok
- Because of the airport instruction, their habitat has been destroyed.
- tadpoles and eggs are vulnerable to natural predator: fish e.g mosquitofish

Life cycle

Breeding
 -period=From early March to September -preferable site: shallow water bodies where fish doesn't exist - female can breed up to 120 eggs a time onto underwater stones and vegetations -tadpole requires around 4 to 6 weeks to metamorphose into adult frog
Life span
 -about three years in the wild -female is reproductively active only for two breeding seasons

Thank You!