

從卡片設計重新 審視適異教學



聖公會阮鄭夢芹銀禧小學
S.K.H. Yuen Chen Maun Chen Jubilee Primary School



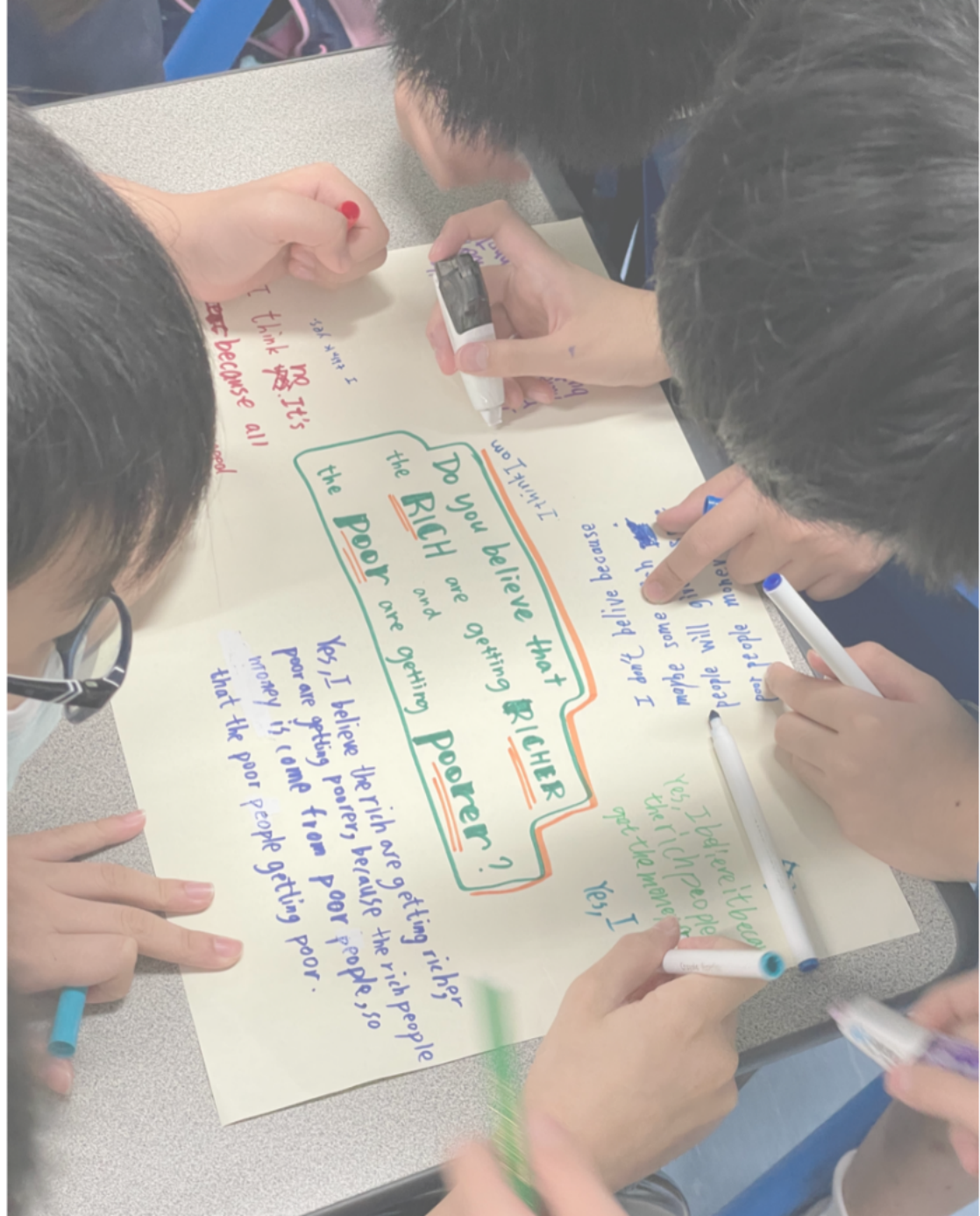
Winnics CHAN

Panel Head of English Department



Keric LEE

21st Century Learning Curriculum Director
Panel Head of English Department
eLearning Lead Specialist



Keric LEE

BEd, MEd (HKU); EdD Candidate (UCAM)

21st Century Learning Curriculum Director

Panel Head of English Department

eLearning Lead Specialist



Distinguished
Educator



Google for Education
Certified Trainer



FLiPEDU
- HONG KONG -



The Hong Kong Association for Computer Education
香港電腦教育學會





What choices are made? Who makes the choices?



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How to assess?

Differentiation

1. Mainly capacity-based
2. Teacher-led



Personalisation

1. Mainly interest-based
2. Student-led

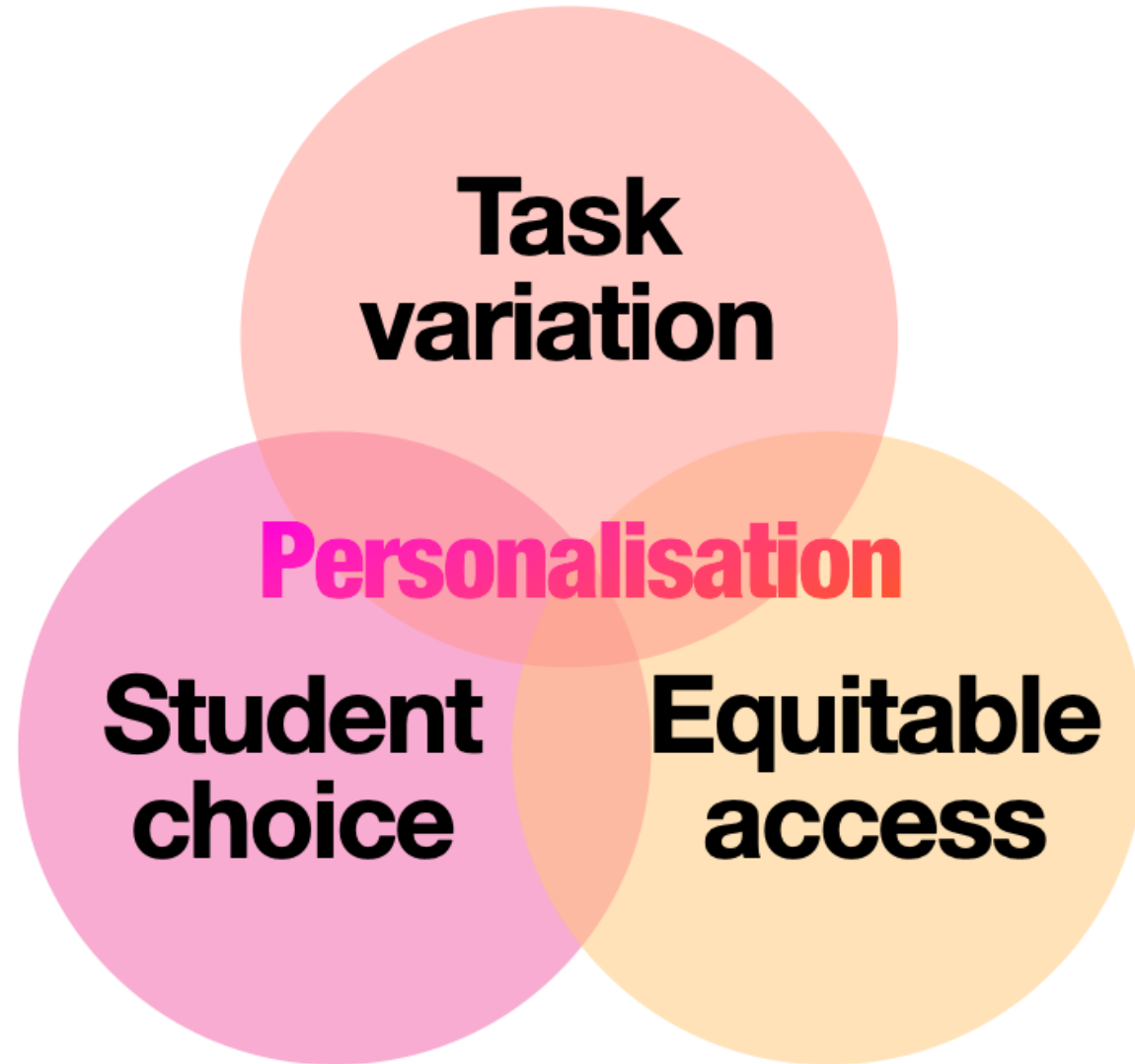


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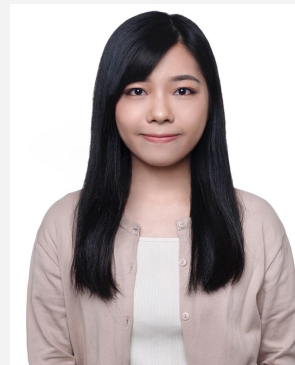


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從卡片設計重新審視適異教學



LoiLoNote線上分享會2023

Start!





🔍 課堂資料

課程名稱:	Animals in danger		
學年:	小六	科目:	英文
單元:	Book 6B Ch.4 (Animals in danger)		
指導說明:	Catering for learner diversity through ability grouping and tiered task design 以能力分組及分層活動設計進行適異教學		

教學流程

1. 搜集資料+匯報

分組閱讀篇章/上網搜集瀕危動物的基本資料，然後進行匯報

2. 分組討論

分組閱讀篇章/上網搜集瀕危動物面對的問題，討論問題的成因、後果及行動

hunting
 What people do: hunt dolphins for their meat
 Result: a lot of them die or get hurt
 Action: stop hunting, stop eating dolphins, put the hunter in jail

3. 撰寫文章

運用已搜集的資料及討論結果，撰寫文章，呼籲大眾保護動物

The first problem we are facing is hunting.
 People keep hunting us for our meat. Therefore a lot of us die or get hurt. We will become extinct unless people stop hunting dolphins and the government punishes dolphin hunters.



分組模式

→ 普通班

→ 學習差異較大

→ 異質分組 / 同質分組

配合分層活動及教材設計，讓所有學生
都能夠參與具挑戰性及有意義的
學習活動

能力較高組 x2

能力中等組 x2

能力較低組 x2



分組模式

- 普通班
- 學習差異較大
- 異質分組 / 同質分組

如何有效運用
LoiLoNote卡片設計
配合分層活動?

能力較高組 x2

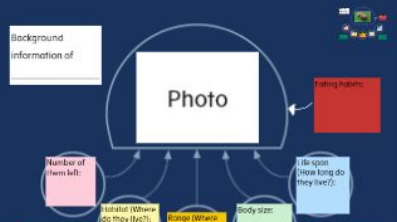
能力中等組 x2

能力較低組 x2

Lesson 1

Lesson 2

Lesson 3



不同組別使用的材料

Four pages of background information for Lesson 1, each featuring a small image of a bird and text describing its characteristics and habitat.



More information on GC (E)!

An image of a display board titled 'Birds of the Forest Park' with various bird illustrations and text.

Save the _____

by _____

I use a pencil _____ and use writing paper.

The first problem we are facing is _____ you help _____

Identify _____ create your _____

Please take notes before it is too late!

★所有組別使用同一卡片

👍方便教師統一發放活動材料

👍減少標籤



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分層活動設計

搜集資料

分組閱讀篇章/上網搜集瀕危動物的基本資料

高

上網搜集資料

中

閱讀教師提供的篇章(+上網搜集資料)

低

閱讀教師提供的篇章(+上網搜集資料)

Background information of

Photo

Loving habits

Number of them left?

Habitat? (Where do they live?)

Range? (Where to find them?)

Body size?

Life span (How long do they live?)

Extra information?

Extra information?

Calculating the exact number of the giant panda

Discovering the exact number of the giant panda

How many giant pandas are there in the world?

How many giant pandas are there in the world?

How many giant pandas are there in the world?

How many giant pandas are there in the world?

Background
information of

Photo

Eating habits:

Number of
them left:

Life span
(How long do
they live?):

Habitat (Where
do they live?):

Range (Where
to find them?):

Body size:

⚡ Extra information:

⚡ Extra information:



運用水母圖 整理資料

中



低

第二部分 面臨的問題

Giant panda: the rarest member of the bear family



A lot of people think pandas are cute and lovely, with thick black and white coat and clumsy movements. But do you know they are endangered? Now, there are around 1,860 of them in the wild. They mainly live in forests high in the mountains and are mostly found in southwest China.

A female panda can grow up to about 90 kg while a male panda can grow up to about 135 kg. They usually live for around 20 years. They are bamboo lovers which only eat bamboo all day and every day!

Giant pandas are in danger. Habitat loss is the biggest problem they face. There are fewer places for pandas to live because people develop more and more roads, railways and buildings. They also do not have enough food to eat because people cut down bamboo forests.

Hunting is another challenge faced by pandas. Although hunters are not allowed to catch pandas, the pandas may die or get hurt accidentally when people try to hunt deer or other animals.

Pandas are so important to the wildlife and the environment. We must protect them and take action before they become extinct!



第一部分： 基本資料

Background
information of

Photo

Eating habits:

Number of
them left:

Life span
(How long do
they live?):

Habitat (Where
do they live?):

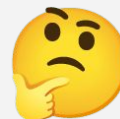
Range (Where
to find them?):

Body size:

⚡ Extra information:

⚡ Extra information:

同一卡片，
如何分層？



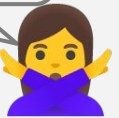


★加入提示卡

👍 同學根據自己的學習需要，選擇是否使用提示

我需要一點協助！

我有信心能自己完成！



Background

information of

red pandas



Eating habits:
bamboo, fruit

讓學生成為學習的主人 🙌

Number
there

2,500
1,000

⚡ Extra information:

Habitat (Where
do they live?):

forests and
high mountains

Range (Where
to find them?):

northern Myanmar,
central China

Body size:

3.6-7.7 kg,
56-62.5 cm

8-10 years

⚡ Extra information:

Background information of



Eating habits:

Number of them left:

Life span
(How long do they live?):

Habitat (Where do they live?):

Range (Where to find them?):

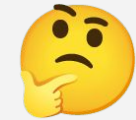
Body size:

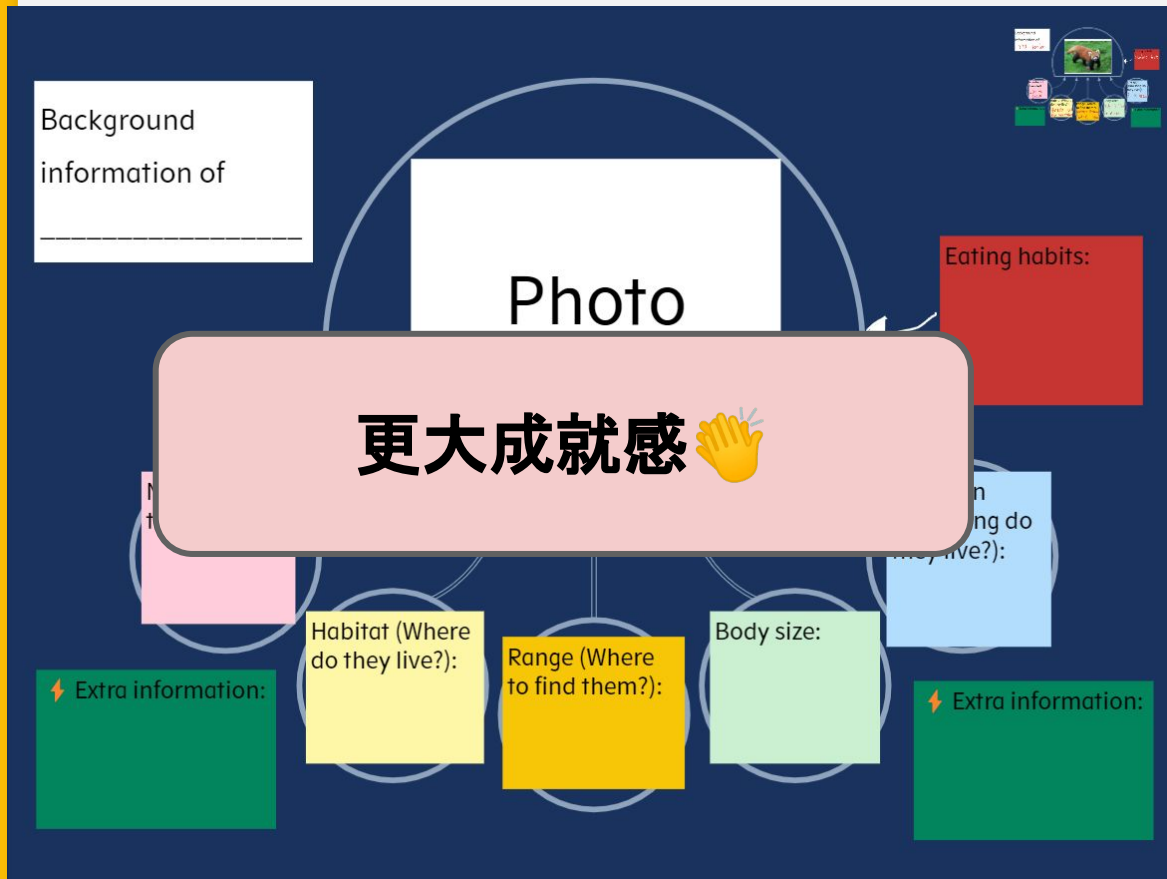
⚡ Extra information:

⚡ Extra information:



學生能力較低，只需完成基本要求？



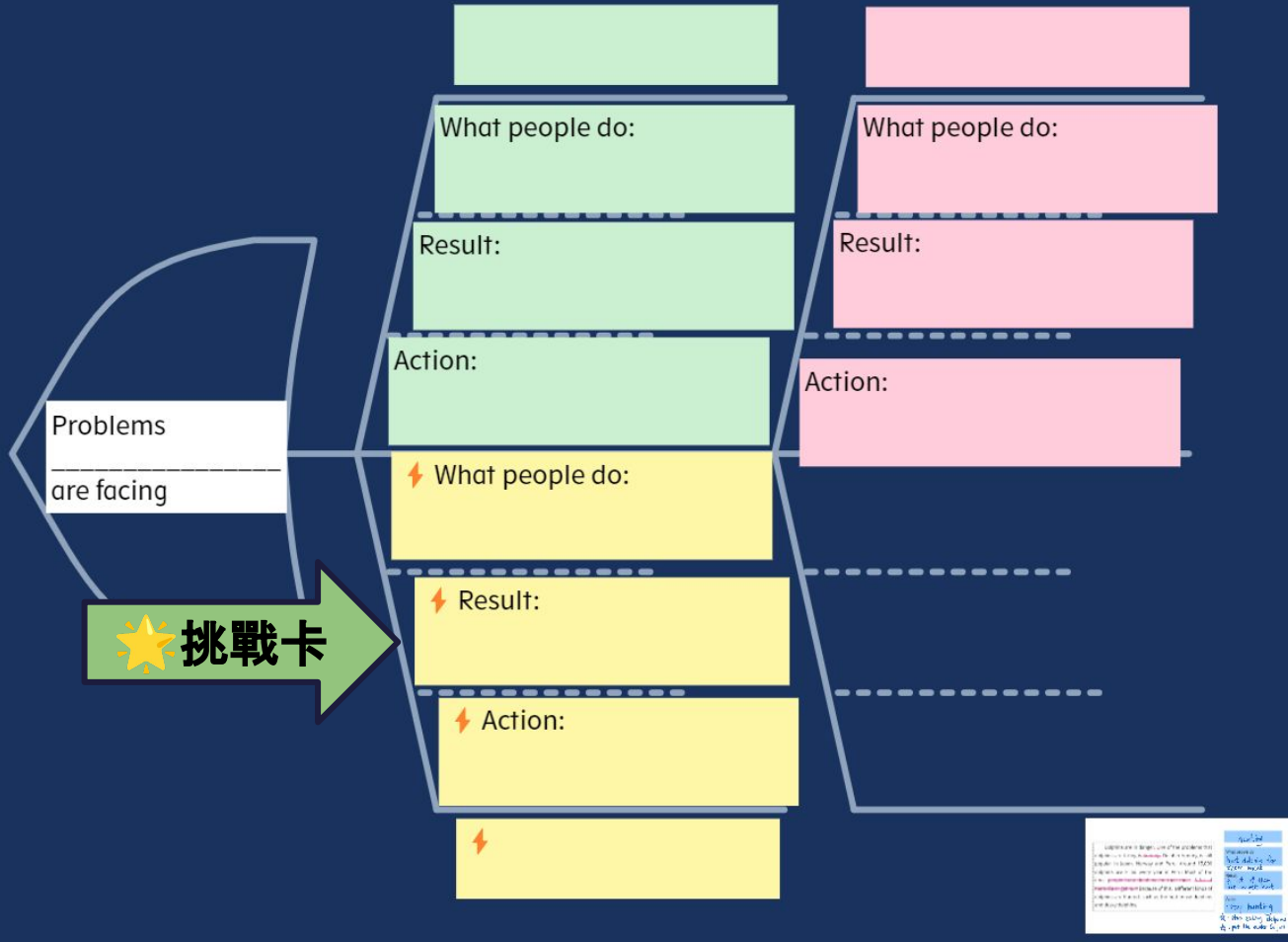


★加入挑戰卡

- 以 ⚡ 表示挑戰題
- 閱讀篇章後，中及低能力組別可上網搜集額外資料

👍 同學根據自己的能力，選擇是否完成挑戰部分

我也能自行上網搜集資料！



第二部分分組討論
卡片也採用相同設計

Dolphins are in danger. One of the problems that dolphins are facing is **hunting**. Dolphin hunting is still popular in Japan, Norway and Peru. Around 15,000 dolphins are killed every year in Peru! Most of the time, **people hunt dolphins for their meat**. **A lot of them die or get hurt** because of this. Different kinds of dolphins are hunted, such as the bottlenose dolphins and dusky dolphins.

hunting

What people do:

hunt dolphins for
their meat

Result:

a lot of them
die or get hurt

Action:

- stop hunting
- ☆ • stop eating dolphins
- ☆ • put the hunters to jail

Background information of

Philippine crocodile



Eating habits:
Fish, small mammals

Number of them left:
only around 100 of them in the wild

Life span
(How long do they live?):
70-80 years

Habitat (Where do they live?):
Freshwater rivers and ponds

Range (Where to find them?):
On a few islands in the Philippines

Body size:
3m long

Extra information:
They are longirostres

Extra information:
They are facing hunting by people

Background information of Amur leopard



Eating habits: eat animals like deer and boars

Number of them left: 120 of them left

Life span
(How long do they live?):
10-15 years

Habitat (Where do they live?):
Russia and a few in China

Range (Where to find them?):
Russia and China

Body size:
have a 140 cm with a 90cm long tail

Extra information:
people hunt them for their beautiful fur

Extra information:
there are fewer places for the leopards to live because people cut down forests for wood and making paper.

Background information of

type a bird



Eating habits:
seeds, berries, nuts, fruits, vegetation

Number of them left:
630,000

Life span
(How long do they live?):
60-80 year

Habitat (Where do they live?):
West and central Africa

Range (Where to find them?):
rain forests, woodlands

Body size:
weight: 460g
length: 33cm
and a wing span 48-52 cm

Extra information:
nesting activity in a tree with a hole or her egg

Extra information:
Some parrot have a long lifespan and can survive their human waters

全部組別均能完成任務

✓ 程度合適的材料

✓ 提示卡



Background information of black rhinos .



Eating habits:eat leaves form trees and bushes

Number of them left:6000

Life span (How long do they live?):14 years

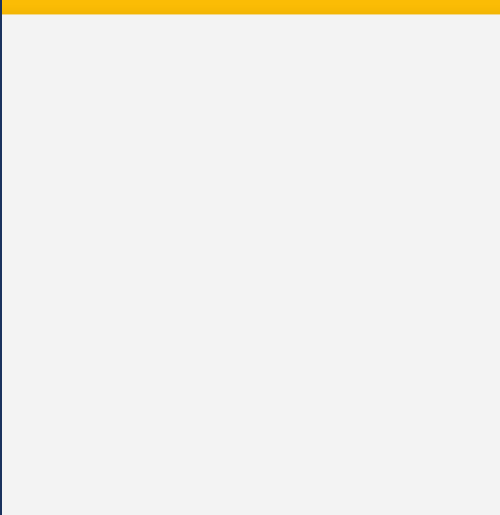
Habitat (Where do they live?):woodlands ,forests and wetlands

Range (Where to find them?):kenya and South Africa

Body size:weight up to 1400kg

⚡ Extra information:they are herbivores

⚡ Extra information:they have two horns which grow continually form there skill



Background information of _____Blue whale



Eating habits: they feed almost exclusively on krill but sometimes eats some small fish

Number of them left: 10000 to 25000

Life span (How long do they live?): Around 80 to 90 years

Habitat (Where do they live?): all oceans except the Arctic

Range (Where to find them?): from the subtropics to the Greenland Sea

Body size: 90 feet and over 100000 pounds

⚡ Extra information:

⚡ Extra information: the largest animals ever to live on our planet

Background information of Giant panda_____



Eating habits:Bamboo

Number of them left:1860

Life span (How long do they live?):20years

Habitat (Where do they live?):China

Range (Where to find them?):southwest China

Body size: 90-135kg 4-5feet

⚡ Extra information: Pandas eat fast,they eat a lot

⚡ Extra information: It is fat

全部組別均有完成挑戰卡 ⚡

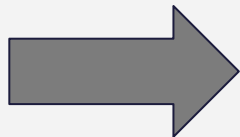
✓ 不再局限於基本題目



🔍 概念

教師主導學習

- 教師分析學生的學習需要
- 教師選取合適的學習策略
- 教師定立學習目標



學生主導學習

- 學生主動分析他們的學習需要
- 學生選取合適的學習策略
- 更有責任感、更願意嘗試



🔍 總結

教學策略

★ 彈性分組

★ 分層活動設計

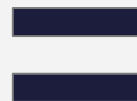


LoiLoNote 卡片設計

★ 所有組別使用同一卡片

★ 加入提示卡 (學生自由使用)

★ 加入挑戰卡



更自主

更自信

更適合我

更投入



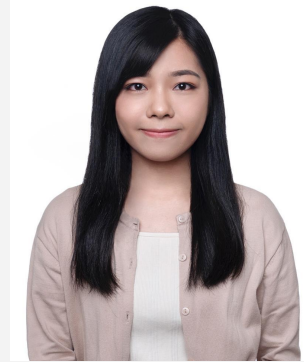


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Thank you

Find one thing at your home and write about it!



Photo here

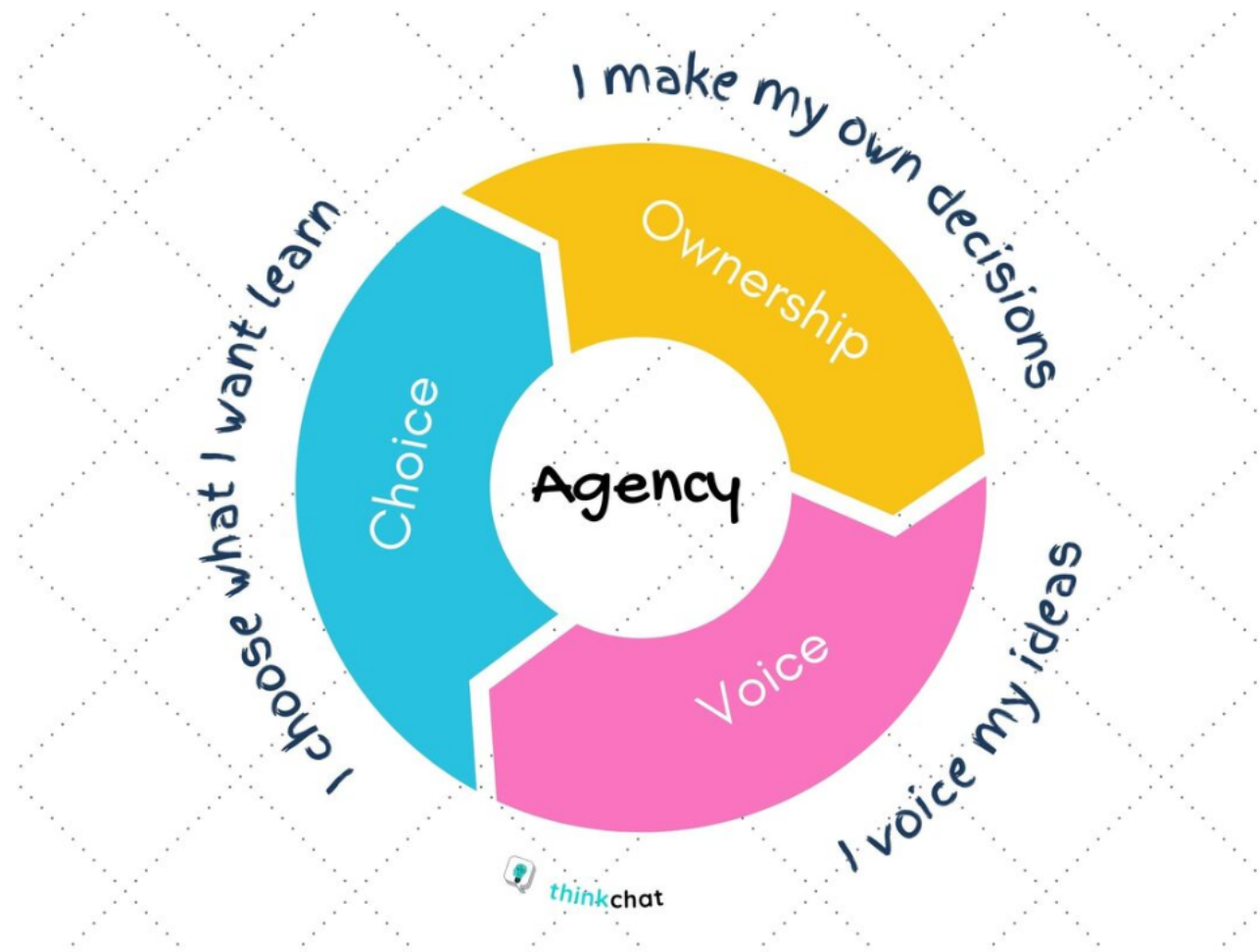
Material:

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Function:

[Yellow input box for Function]

I have already recorded myself reading these two sentences for 3CD points.



How to **empower** students by giving them back their **voice**?

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