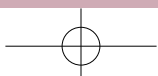
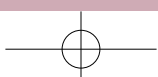
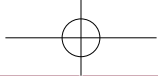


Temperate Zone Animal Area 溫帶動物區







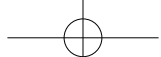
Temperate Zone Animal Area

溫帶動物區



WORD BANK

Temperate (n.)溫帶
distributed (adj.)分布的
latitude (n.)緯度



Temperate Zone Animal Area

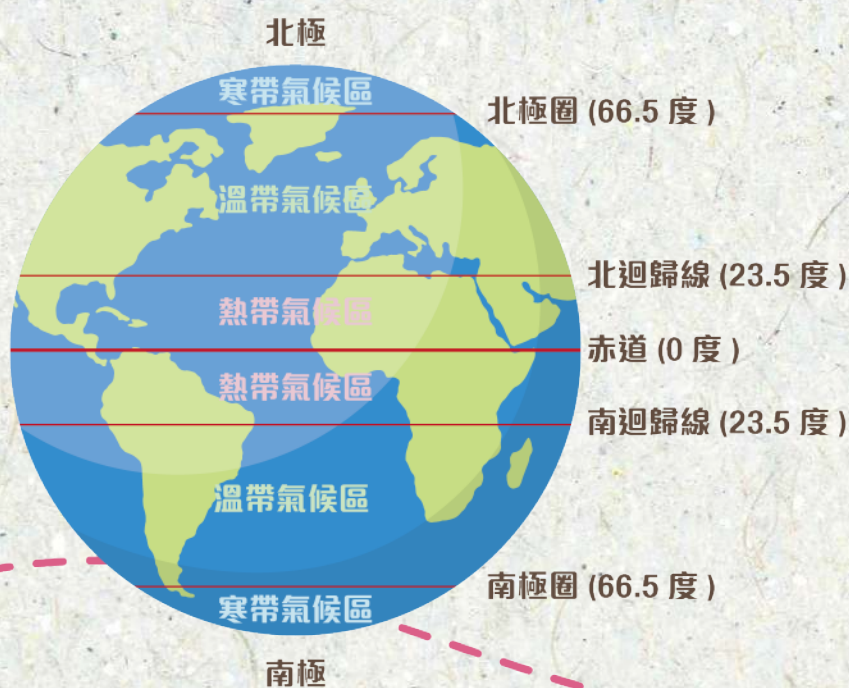
The temperate climate is the most widely distributed climate type on the earth. It has rainfall and distinct seasons, creating a good habitat for animals. Before exploring, Let's learn more about the temperate climate.

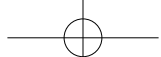
- Temperate zone refers to the climate zone between the subtropical zone and the polar circle. You can find temperate climate between 23.5° - 66.5° north and south latitudes.
- The animals in this park are mainly in temperate grasslands and forests and their habitats.
- Most animals are listed as “Endangered” and “Vulnerable”.

溫帶動物區

您好！歡迎來到溫帶動物區！溫帶氣候是地球上分佈地域最廣泛的氣候類型，雨量適中，四季分明，為動物創造良好棲息環境，生態多元。探險前，讓我們多了解溫帶氣候！猜猜看！等一下會看到哪一些動物！

- 溫帶是指緯度範圍約在南北緯 23.5° - 66.5° 之間。雨量適中，四季明顯，生態系多元。（臺灣是亞熱帶型氣候）。
- 本園所展示的動物是以溫帶草原和森林中的動物及棲地環境為主。
- 本區內有許多依國外重要保育指標（國際自然保護聯盟）IUCN（紅色名錄Red List）評定為瀕危和易危物種。





Red Panda

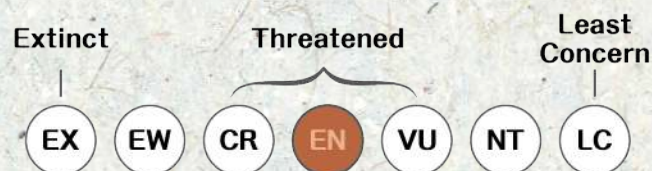
(*Ailurus fulgens*)

Fun Facts

- Also known as the red panda, red fire fox, and red monkey.
- They mainly eat leaves and bamboos, but will sometimes eat fruits, nuts and small animals.
- Known for their reddish fur, and long tail, which makes them look like they are wearing big red furry coats.
- They look so much like racoons and giant pandas, but they are actually different species.
- They have an evolved a special false thumb to help them grab bamboos, just like giant pandas.

Are they at risk?

- Red Pandas are currently listed as “Endangered” by the IUCN.
- They are killed by poachers for their fur, and captured to be kept or sold as pets.



How can we protect them?

- Support conservation efforts to preserve their natural habitats.
- Avoid buying product that used animals' fur, especially red pandas.



小貓熊

(*Ailurus fulgens*)

有趣的小知識

- 常被誤認為是大貓熊寶寶。
- 別名：紅貓熊、火狐（**Firefox**）及紅猴。
- 雜食性，和大熊貓一樣主食是竹子，也吃果實、水果、昆蟲等。
- 全身大部分為深棕色（紅褐色），像穿著又紅又厚的紅外套。
- 體型和長相曾讓動物學家誤分類為浣熊，經由**DNA**比對，發現和大貓熊一樣，跟熊科動物較接近。
- 大貓熊和小貓熊除了食性與棲息地相似外，前掌都有第六指，可以加強牠們抓握竹枝以方便進食的功能。

會遇到的危險

- 非法捕獵和毛皮盜獵，構成生存威脅。
- 國際自然保育聯盟紅色名錄**IUCN**列為瀕危物種（**EN**）。

要怎麼保護牠？

- 不購買砍伐原始森林的家具及木製品。
- 不使用及購買動物毛皮製品。

WORD BANK

reddish (adj.)紅棕色

evolve (v.)進化

false (adj.)假的





American Mountain Lion

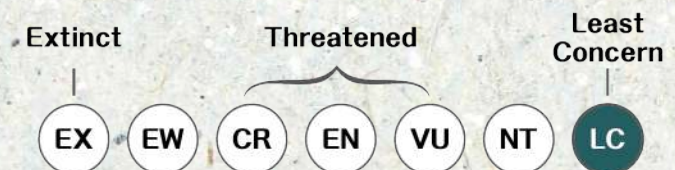
(*Puma concolor*)

Fun Facts

- Mountain lions have many names and are also known as cougars, panthers, red tiger, and puma.
- They can be found throughout North and South America.
- Mountain lions are born with spots, which helps them blend in the surrounding environment.
- They are ambush hunters that prowl, silent and hidden...then attack with a swift pounce.
- As top predators, they regulate prey populations and prevent the plant-eaters from destroying their habitat.

Are they at risk?

- Mountain lions are currently listed as “Least Concern” by the IUCN.
- Their habitats are threatened by “deforestation” linked to development.



How can we protect them?

- Support conservation efforts to preserve their habitats from over-development.
- Avoid buying products made using animal skins.



美洲山獅

(*Puma concolor*)

有趣的小知識

- 俗名：美洲獅。眯貓和吼貓
- 著名運動鞋**Puma**，就是山獅的英文名。
- 適應各型氣候地形，包括雨林、南美草原或北美岩石、山區。
- 肉食性。山獅貓科動物是捕獵高手。
- 外觀毛皮上沒有花紋且頭骨較小、耳朵直立。
- 小時候的山獅寶寶有斑點，長大後斑點會逐漸退去。
- 牠們不會發出吼聲，山獅叫聲類似「嗯～嗯～」。

會遇到的危險

- 棲息地破壞。
- 非法捕獵和毛皮盜獵構成生存威脅。
- 國際自然保育聯盟紅色名錄**IUCN** 列為暫無危機物種 (LC)。

滅絕

EX

EW

受威脅

CR

EN

VU

NT

無危

LC

要怎麼保護牠？

- 不使用及購買動物毛皮製品，減少碳足跡。
- 支持參與保育工作，例如棲地草原復育和反盜獵措施。

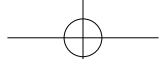
WORD BANK

scream (v.) 喊叫

attract (v.) 吸引

destroying (v.) 破壞的





Mongolian Wild Horse

(*Equus ferus przewalskii*)

Fun Facts

- Horses are associated with wild spirit but the only truly wild horse alive today is the Mongolian wild horse (a.k.a. Przewalski's Horse, or Takhi).
- They were first domesticated by Asian nomads around 4,000 years ago.
- You can find Mongolian wild horses in grassland or in the desert, even further in the mountains.
- They have strong and thick neck and body with short and stiff brown mane.
- They have short legs with black colors around the legs, and they can run very fast.

Are they at risk?

- Mongolian wild horses are currently listed as "Endangered" by the IUCN.
- They have to compete with livestock for resources.

Extinct

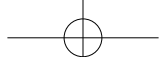
Threatened

Least Concern



How can we protect them?

- Support conservation efforts to preserve their natural habitats.
- Stop Climate Change.



蒙古野馬

(*Equus ferus przewalskii*)

有趣的小知識

- 俗名：普氏野馬、準噶爾野馬。
- 1879年俄國探險家普里瓦斯基（Przewalski）上校，於蒙古西部「科布多」（Kobdo）郡，發現蒙古野馬。
- 棲地通常為草原或半沙漠之高地，海拔700-1800公尺，有時甚至高達2500公尺。
- 體格壯碩、頭大、頸部粗壯，頭上和背部有短而直立的鬃毛，身上毛皮呈暗褐色。四肢短粗，有二至五條明顯黑色橫紋，小腿下部呈黑色，俗稱「踏青」腿。
- 四肢均具一趾、趾外覆有蹄，行動迅速；能以每小時約50-70公里速度，穩定奔跑。

會遇到的危險

- 棲息地的破壞，被開發成農地、城市。
- 國際自然保育聯盟紅色名錄IUCN列為瀕臨物種（EN），原為野外滅絕動物，卻在動物園及保護區中繁殖，是最典型成功的例子。



要怎麼保護牠？

- 防止氣候變遷，極端天氣，沙漠草原乾旱，避免引發森林大火。

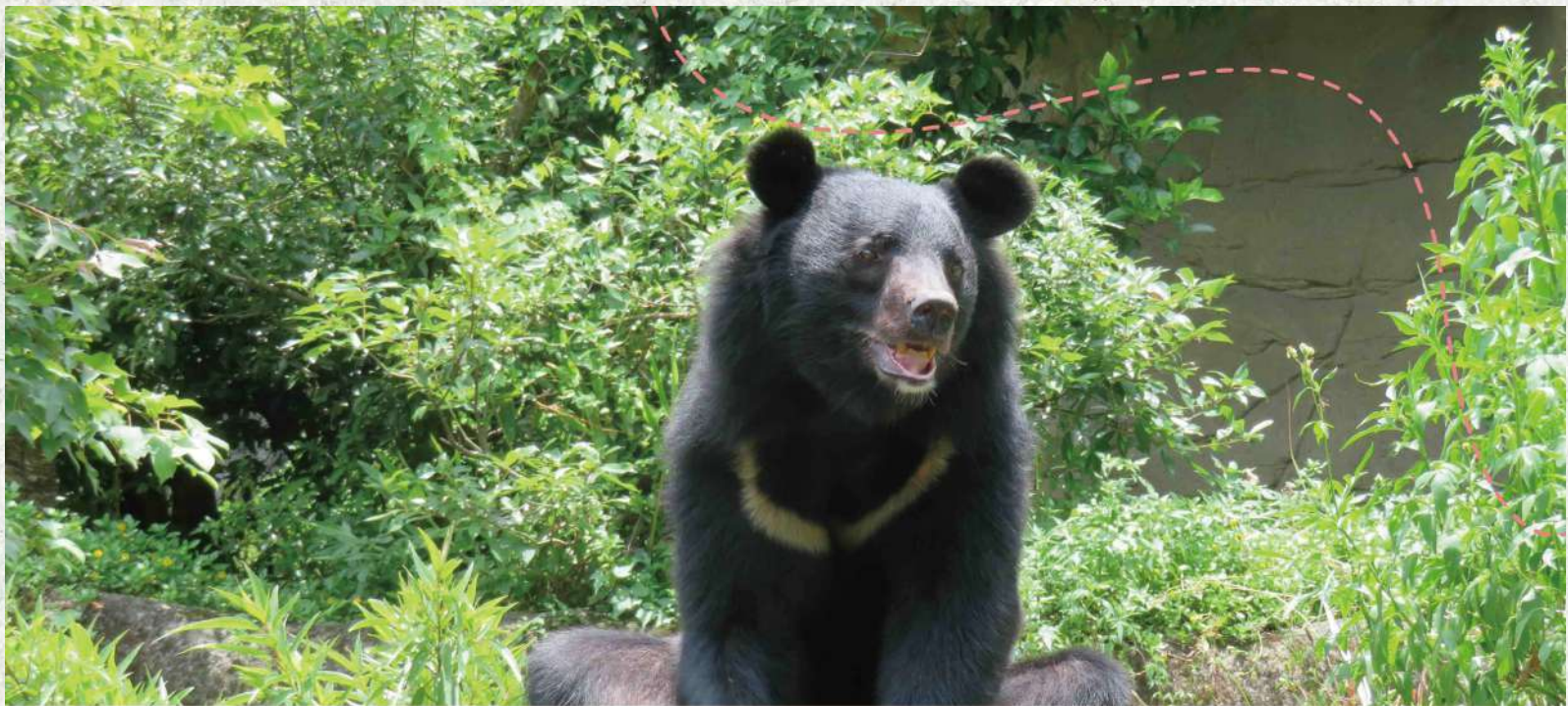
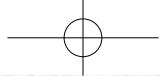
WORD BANK

spirit (n.)精神

domesticated (adj.)馴化的

livestock (n.)牲畜家畜





Asiatic Black Bear

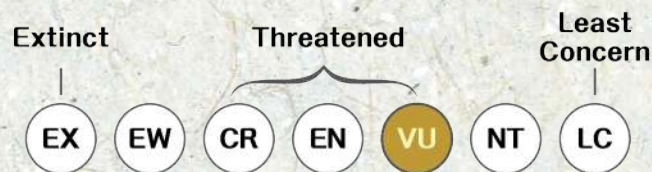
(*Ursus thibetanus*)

Fun Facts

- They are also known as dog bear, or moon bear.
- The Asiatic black bear has a coat of smooth black fur with a V-shaped patch.
- They are omnivore, which means they mainly eat plants, and meats.
- The bears are very good swimmers, and they can climb trees.
- They Asiatic bears don't hibernate as the warm weather in Asia.

Are they at risk?

- Asiatic black bears are currently listed as "Vulnerable". by the IUCN.
- Their habitats are being lost to deforestation, linked to logging and agriculture.
- They are poached and farmed for their furs, paws, and especially for their gal bladders for use in traditional medicine.



How can we protect them?

- Support conservation efforts to preserve their natural habitats.
- Support efforts to ban the poaching and farming of bears.



亞洲黑熊

(*Ursus thibetanus*)

有趣的小知識

- 別名：狗熊，月熊。
- 除北極熊為肉食性外，熊都是雜食且偏素食。
- 牠們有靈敏的鼻子；食物80%來自植物，植物短缺時，捕食青蛙、小鳥、昆蟲，連腐屍照樣也吃。
- 牠們是攀爬高手。除了爬樹，熊還是游泳健將。
- 亞洲黑熊因氣候溫和，食物來充足大都不須冬眠。

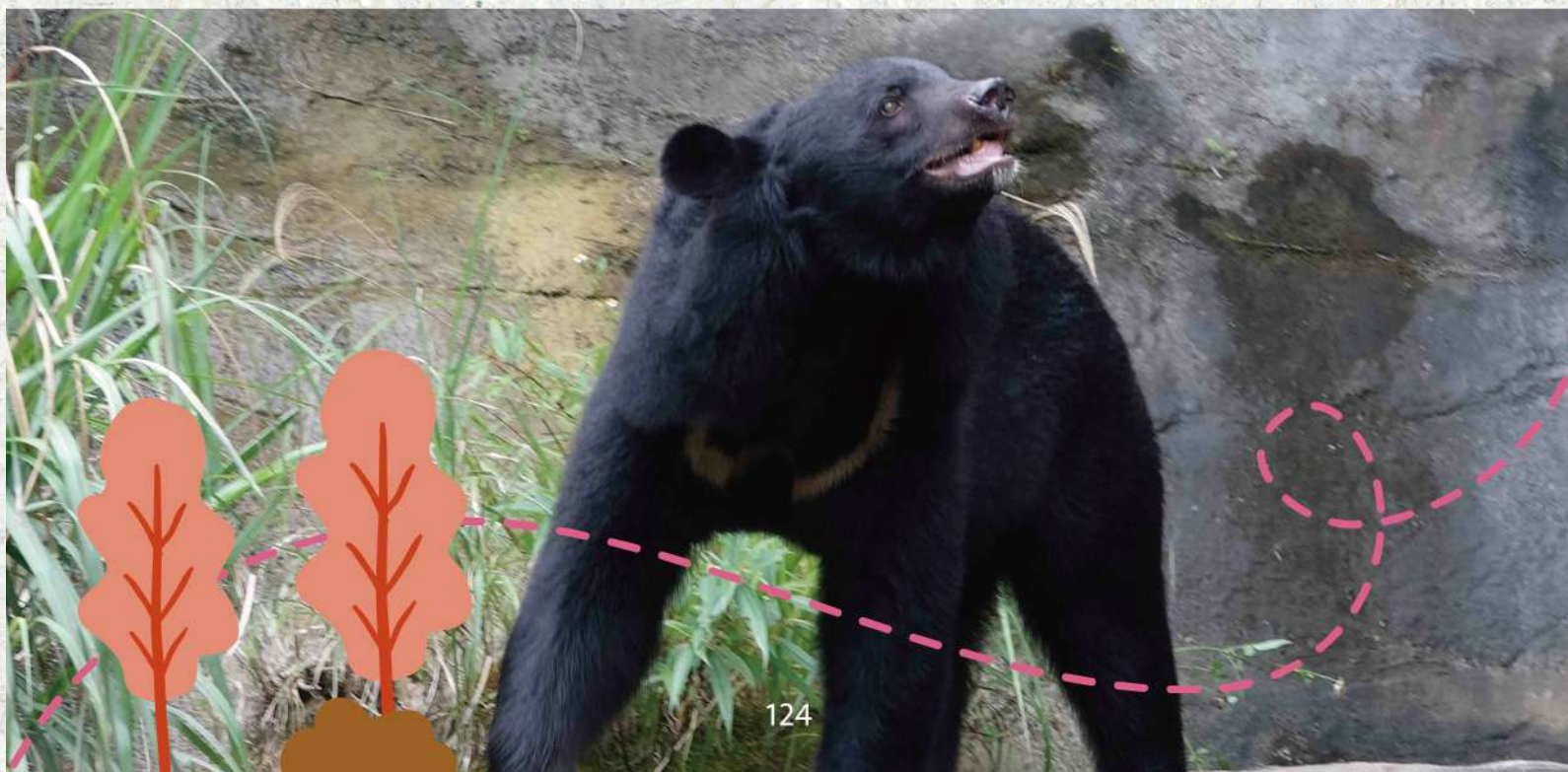
會遇到的危險

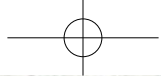
- 棲息地的破壞，被開發成農地、城市。
- 非法捕獵、被圈養取膽汁入藥盜獵構成生存威脅。
- 國際自然保育聯盟紅色名錄IUCN列為列為易危物種（VU）。



要怎麼保護牠？

- 不吃山產及反盜獵。
- 不使用及購買動物毛皮製品及動物入藥的藥品。





Activity 1: Be Panda Wise!

活動一：動物放大鏡

Observe the red panda at the zoo and draw what you have observed to answer the questions. You could also scan the WordWall Game QR CODE and write your score!

觀察園區內的小貓熊，試著將正確答案打勾！你也可以掃描QR CODE進入WORDWALL 回答問題並記錄自己的得分喔！我的得分是_____ My score_____.

1

What other names are called for
“Red Panda” ?
小貓熊有那些名字？

- ☐ Fire Monkey 火猴
- ☐ Fire Fox 火狐
- ☐ Red Panda 紅貓熊
- ☐ Racoon 浣熊

2

What do red pandas eat?
小貓熊的食物有那些？肉食性？
雜食性還是草食性？

- ☐ insects 昆蟲
- ☐ Bamboos 竹子
- ☐ honey 蜂蜜
- ☐ plants 植物

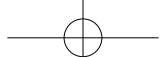
3

Does red panda have long tail ?
thick furs/? False thumb? claws?
sharp teeth?
仔細觀察小貓熊的身體特徵？

- ☐ long tail 長尾巴
- ☐ thick furs 厚毛皮
- ☐ false thumb 偽拇指

WorldWall Challenge 想要了解更多有趣的問題，
請進入竹林裡的小貓熊一起探險吧！





Be Panda Wise 貓熊專家寫一寫

Let's observe the red pandas and scan the QR CODE to find out the differences and similarities of pandas.

你知道大貓熊和小貓熊有哪些一樣或不同的特徵？請好好觀察或掃描下列影片 QR CODE 完成空格。

分類 Category

	大貓熊 Giant Panda	小貓熊 Red Panda
分類 Category	熊科	小貓熊科
棲地 Habitat	中國 China	
食性 Diet	雜食(主食竹葉) Omnivore (bamboo leaves)	
前爪 Wrist Bone	腕骨特化形成第六指(或稱偽拇指) False Thumb	
體型 Size	約 120 公斤 Kg，類似成人 adult	約 6 公斤 Kg，類似家貓體型 house cat
尾巴 Tail	短 short	
毛色 Fur	黑白系 black and white	



WORD BANK

difference (n.)不同

similarity (n.)相似處

omnivore (n.)雜食動物





Be Bear Wise 大家來找熊

There are 8 different types of bears! Do you know how many types of bears do we have at the Zoo? Besides Asiatic black bears, we have other three species! Look at the pictures and Let's find them.

世界上有八種熊，快點找一找，動物園內有幾種熊？除了亞洲黑熊外，還有三種熊！一起來找一找並把牠圈出來！



Polar bear
北極熊



Sloth bear
懶熊



American black bear
美洲黑熊



Giant panda
貓熊

Andean bear
眼鏡熊



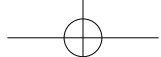
Asiatic black bear
亞洲黑熊



Brown bear
棕熊

Sun bear
馬來熊





Activity 2 : Body Parts 活動二：動物的身體

Find the lion's body features 找出美洲山獅身體特徵

Let's do a crossword. How many words you can find for an American mountain lion's body part?

仔細觀察美洲山獅，有哪些身體特徵呢？試著找找看！

American mountain Lions

S	S	E	R	U	I	A	I	T	A	R	I	E	L
L	T	S	C	L	P	S	A	P	R	U	P	U	P
T	R	N	R	E	N	I	M	M	A	S	R	I	A
A	I	A	O	U	L	U	S	R	A	U	S	M	W
W	P	A	E	S	H	T	E	E	T	F	E	T	S
A	E	E	S	R	W	I	I	I	S	R	I	S	U
S	S	E	T	W	S	R	A	E	L	I	O	N	S
O	M	C	L	A	W	S	N	A	F	I	A	M	S
A	S	U	W	C	S	T	O	P	S	U	L	I	S
I	A	S	M	O	U	N	T	A	I	N	R	O	E
N	A	S	I	M	A	R	F	A	O	E	L	S	R
A	A	T	R	P	M	A	N	F	A	L	T	A	S
A	S	A	R	N	C	S	E	O	F	C	A	R	U
S	R	I	N	A	C	I	R	E	M	A	A	L	E

TEETH	牙齒
EARS	耳朵
MOUNTAIN	山
STRIPES	條紋
CLAWS	爪
AMERICAN	美洲
FURS	毛皮
LION	獅子
SPOTS	斑點
TAILS	尾巴
PAWS	掌



WORD BANK

yoga (n.) 瑜珈
observe (v.) 觀察
listen (v.) 聽



Label the Body Parts 連連看 - 觀察蒙古野馬的身體特徵

Write the words and label the pictures.

觀察蒙古野馬的身體特徵有哪些？連連看再寫寫看！！

ears
耳朵

mane
鬃毛

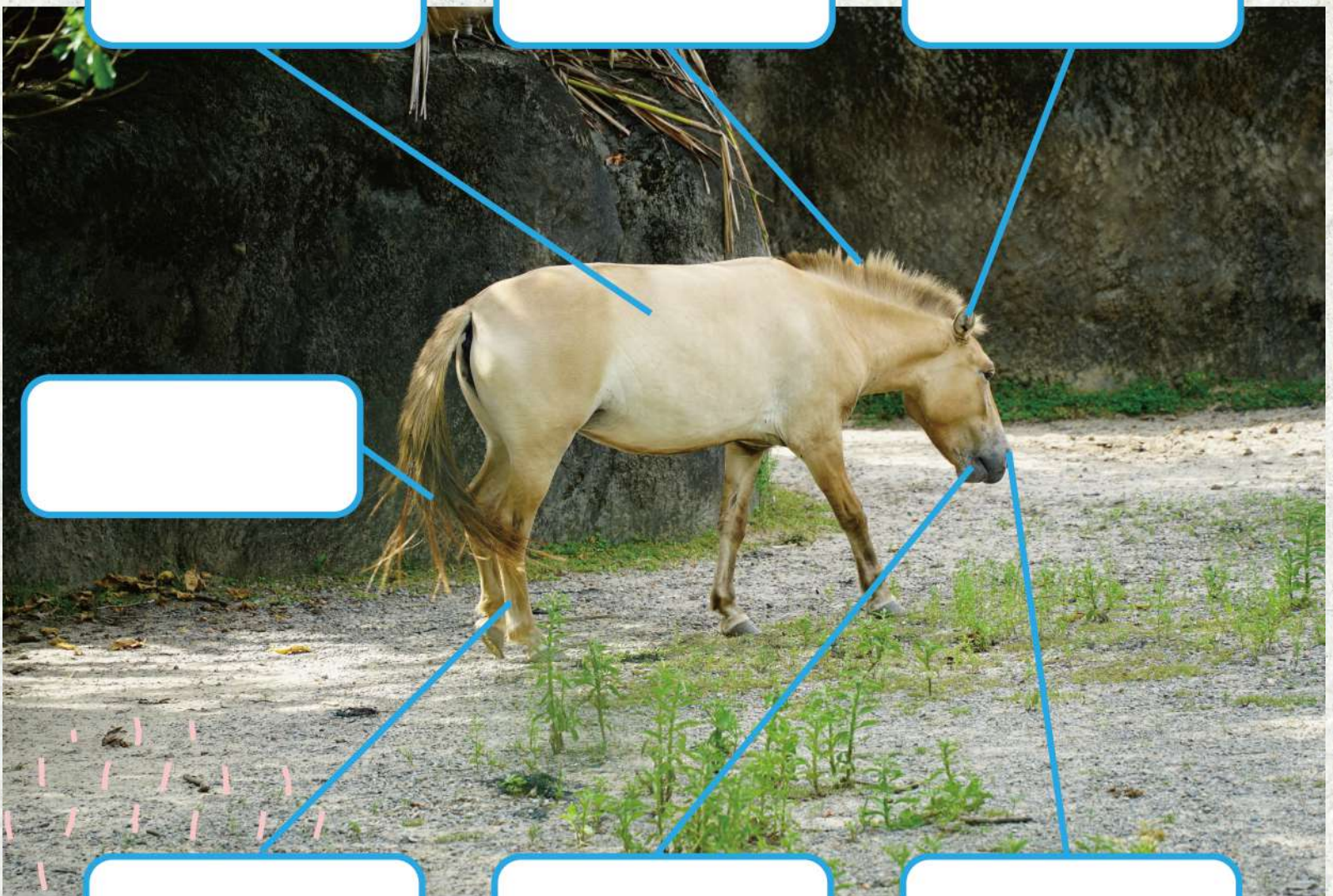
body
身體

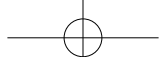
mouth
嘴

hoof
蹄

nose
鼻子

tail
尾巴





Activity 3: Move Like Animals 活動三：動物模仿篇

Move like Lions 獅子走路！

Observe how the mountain lions move. It looks just like doing yoga!

美洲山獅的動作非常敏捷，跑起來時非常輕巧，讓我們仔細觀察動物園中的美洲山獅如何展現走路的靈敏和輕巧。



1. Listen! What's the sound of the mountain lions make?

聽聽看美洲山獅的吼聲像甚麼？

☐ Woof 汪汪 ☐ MmmM 嗯嗯 ☐ Moo 哞哞

2. Look ! How the mountain lion sits and walks! Pose like a lion!

觀察一下美洲山獅的坐姿和走路，試著做出動作來！

WORD BANK

forward (adv.) 往前

bend (v.) 彎曲

reach (v.) 伸展





Move like a Bear 一起學黑熊伸展

Bears can travel further for hunting foods. To save their energy for hunting, they are seen relaxing in the wild. They are good at swimming and climbing trees for foods. Let's observe the black bear and do some stretching like bears. 臺灣黑熊在野外的活動領域非常廣，擅長爬樹、游泳，請觀察黑熊在動物園內的行動，一起來學學黑熊的動作。你知道為什麼黑熊會有這些動作呢？

Bears travels for foods, and likes to reset and relax.

黑熊長途獵食，需要常休息，節省體力！

1. Arch your back and sit on the floor.
將身體背部拱起趴在地板上。
2. Low your knees and get heels together.
膝蓋蹲低，將雙腳跟併攏。
3. Stretch your bear paw to reach for the sky.
雙手像熊掌握緊，腳往前伸展。
4. Take deep breath.
放鬆深呼吸。



Let's rock back and forth!

讓我們一起學黑熊坐搖椅！

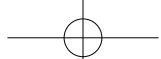
1. Relax like a bear.
放鬆
2. Stretch your legs up.
將雙腳伸長舉高
3. Let's rock like a bear.
左右搖一搖
4. Sit back up.
坐直



WORD BANK

stretch (v.) 展拉
distance (n.) 距離
rock (v.) 搖晃





Move like a horse 一起學馬跑步



Watch the horse to see how it moves. Now you can bend your knees and stand firm like a horse. So you can run fast like a horse.

觀察蒙古野馬的動作和叫聲！

1

Face forward
面向前

2

Bend your knees
站定膝蓋彎曲

3

Hands up and reach up to the sky
雙手舉高



Do you see what other actions will the horse do.
還有那些模仿馬兒奔跑或行動的姿勢呢？一起做做看！



Standing Half
forward bend
半蹲彎曲



Tree Pose
樹式