

# Reading to Learn Integrated Science

## Discovery Box Worksheet 1

### Magazine Information:

**Volume: No. 82**

**Title: Hedgehogs – Night visitors**

**Pages: (P.5-13)**

Name : \_\_\_\_\_

Class : S.1 \_\_\_\_\_ ( )

Date : \_\_\_\_\_

**After reading the article, answer the following questions.**

**A. Check the dictionary, and write down both the Chinese and English meaning of the following vocabularies.**

Vocabularies	Meaning
1. Parasites(P.6)	( )
2. Insectivores(P.8)	( )
3.	( 口鼻部 )Mouth and Nose of animals (P.9)
4. Hibernation(P.10)	( )
5.	( 掠奪者 )Animals that kill and eat other animals.(P.13)

**B. Answer the following questions in complete sentences.**

1. Hedgehogs are famous for their spines. But why there are no spines in Hedgehogs' noses? (P.12)

\_\_\_\_\_

2. What do Hedgehogs eat? (P.8)

\_\_\_\_\_

3. Describe one defensive tactic of Hedgehog when it faces Badger. (P.12)

\_\_\_\_\_

4. Why Hedgehog mothers do not get hurt while she gives birth? (P.10)

\_\_\_\_\_

### Discovery Box Worksheet 2

#### Magazine Information:

**Volume: No. 89**

**Title: Beavers: Grizzly bears**

**Pages: (P.5-13)**

Name : \_\_\_\_\_

Class : S.1 \_\_\_\_\_ ( )

Date : \_\_\_\_\_

**After reading the article, answer the following questions.**

**A. Check the dictionary, and write down both the Chinese and English meaning of the following vocabularies.**

Vocabularies	Meaning
1.	( 腳掌 ) The foot of an animal. (P.7)
2. Canines (p.7)	( )
3. Cubs (P.8)	( )
4. Omnivores (P.11)	( )
5.	( 大腿 ) The part of the leg between the hip and the knee. (P.12)

**B. Answer the following questions in complete sentences.**

1. Grizzly bears are known as powerful animals. Which part or ability of them you think is the most powerful? Why? (P.6-7)

\_\_\_\_\_

2. How many cubs will female bear give birth to each time? (P.8)

\_\_\_\_\_

3. What is grizzly bears' favourite food in summer? (P.10)

\_\_\_\_\_

4. During the hibernation, why will the grizzly bears sleep together with their families in a small space? (P.12)

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# Reading to Learn

## Integrated Science

### Discovery Box Worksheet 3

#### Magazine Information:

**Volume: No. 94**

**Title: Beavers: Brilliant builders**

**Pages: (P.27-37)**

Name : \_\_\_\_\_

Class : S.1 \_\_\_\_\_ ( )

Date : \_\_\_\_\_

**After reading the article, answer the following questions.**

**A. Check the dictionary, and write down both the Chinese and English meaning of the following vocabularies.**

Vocabularies	Meaning
1.	( 門牙 ) a tooth for cutting or gnawing, located in the front of the mouth. (P.28)
2. Molars (p.28)	( )
3. Rodent (p.32)	( )
4.	( 鼻孔 ) two openings at the end of the nose. (p.33)
5. Gnawing (p.37)	( )

**B. Answer the following questions in complete sentences.**

1. What are the main predators of Beavers? (P.27)

\_\_\_\_\_

2. Why do Beavers cut the woods? (P.36)

\_\_\_\_\_

3. How do male Beavers approach female Beavers during the mating session? (P.34)

\_\_\_\_\_

4. There are lots of strengths or characteristics a Beaver have. Which one is the most impressive to you? Explain. (P.32,33)

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#### Magazine Information:

**Volume: No. 98**

**Title: Was Tyrannosaurus a killer**

**Pages: (P.25-31)**

Name : \_\_\_\_\_

Class : S.1 \_\_\_\_\_ ( )

Date : \_\_\_\_\_

**After reading the article, answer the following questions.**

**A. Check the dictionary, and write down both the Chinese and English meaning of the following vocabularies.**

Vocabularies	Meaning
2.	(肉食動物) meat-eater(P.25)
3. Paleontologist(P.26)	( )
4. scavengers(P.28)	( )
5. Carcasses(P.30)	( )
6.	(腳爪) sharp nails on the foot of animals(P.31)

**B. Answer the following questions in complete sentences.**

1. How can paleontologists find out Tyrannosaurs' age? (P.26-27)

\_\_\_\_\_

2. There were lots of bones in Tyrannosaurs' body. List all of them. (P.26-27)

\_\_\_\_\_

3. Do you think Tyrannosaurus was a hunter or scavenger? Give some evidence to support your answer. (P.28-31)

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**Reading to Learn**  
**Integrated Science**  
**Discovery Box Worksheet 5**

**Magazine Information:**

**Volume: No. 101**

**Title: Sleeping animals**

**Pages: (P.5-13)**

Name : \_\_\_\_\_

Class : S.1 \_\_\_\_\_ (     )

Date : \_\_\_\_\_

**After reading the article, answer the following questions.**

**A. Check the dictionary, and write down both the Chinese and English meaning of the following vocabularies.**

Vocabularies	Meaning
1. Ritual (p.6)	(            )
2. Burrow (p.6)	(            )
3.	( 小睡 ) a short sleep in the afternoon, especially in warm countries (P.8)
4. Paralysed (p.10)	(            )
5. Ruminant (p.13)	(            )

**B. Answer the following questions in complete sentences.**

1. Why do animals sleep regularly? (P.6)

\_\_\_\_\_

2. Why don't the animals which only eat plants sleep for long? (P.7-8)

\_\_\_\_\_

3. How can scientists make sure an animal is sleeping? (P.10)

\_\_\_\_\_

4. Do you think that human beings need to sleep regularly? Why?

\_\_\_\_\_

\_\_\_\_\_

# Reading to Learn

## Integrated Sciences

### Discovery Box Worksheet 6

#### Magazine Information:

**Volume: No. 106**

**Title: Desert Elephant**

**Pages: (P.5-13)**

Name : \_\_\_\_\_

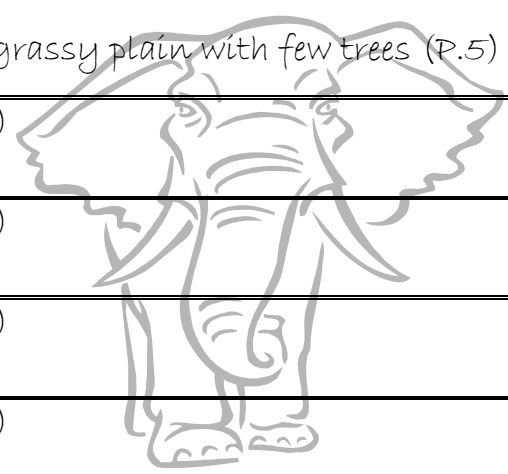
Class : S.1 \_\_\_\_\_ ( )

Date : \_\_\_\_\_

**After reading the article, answer the following questions.**

**A. Check the dictionary, and write down both the Chinese and English meaning of the following vocabularies.**

Vocabularies	Meaning
1.	( 草原 ) a grassy plain with few trees (P.5)
2. Tusks (p.9)	( )
3. Livestock (P10)	( )
4. Acacia (P.11)	( )
5. Trunk (p.13)	( )



**B. Answer the following questions in complete sentences.**

1. What do elephants do to lower their body temperature when they cannot find enough water? Write two of their methods. (P.10)

a. \_\_\_\_\_

\_\_\_\_\_

b. \_\_\_\_\_

\_\_\_\_\_

2. Why do scientists put a collar around the elephants neck? (P.9)

\_\_\_\_\_

\_\_\_\_\_

3. What do scientists examine the elephants' droppings? (P.9)

\_\_\_\_\_

**Reading to Learn**  
**Integrated Science**  
**Discovery Box Worksheet 7**

**Magazine Information:**

**Volume: No. 110**

**Title: Siberian tigers**

**Pages: (P.5-13)**

Name : \_\_\_\_\_

Class : S.1 \_\_\_\_\_ (     )

Date : \_\_\_\_\_

**After reading the article, answer the following questions.**

**A. Check the dictionary, and write down both the Chinese and English meaning of the following vocabularies.**

Vocabularies	Meaning
1.	( 爪 ) The sharp curved nails at the end of each of the toes of some animals and birds (P.6)
2. Canine(P.7)	( 犬 )
3.	( 領土 ) An area which is considered as belonging to a particular animal (P.8)
4. Urine (P.8)	(     )
5. Captivity (P.12)	(     )

**B. Answer the following questions in complete sentences.**

c. How do Siberian tigers adapt the low temperature in winter? (P.6)

\_\_\_\_\_

2. Why do Siberian tigers urinate on rock? (P.9)

\_\_\_\_\_

3. Why do the number of Siberian tigers decrease? (P.12)

\_\_\_\_\_

4. Do you agree to reproduce and keep Siberian tigers in captivity? Why?

\_\_\_\_\_

\_\_\_\_\_

# Reading to Learn Integrated Science

## Discovery Box Worksheet 8

### Magazine Information:

**Volume: No. 111**

**Title: Colourful chameleons**

**Pages: (P.5-13)**

Name : \_\_\_\_\_

Class : S.1 \_\_\_\_\_ ( )

Date : \_\_\_\_\_

**After reading the article, answer the following questions.**

**A. Check the dictionary, and write down both the Chinese and English meaning of the following vocabularies.**

Vocabularies	Meaning
1. Camouflage(P.7)	( )
2. Venom(P.7)	( )
3. Prey (P.11)	( )
4.	( 腳爪 ) The foot of an animal which has claws (P.12)
5. Hatch (P.13)	( )

**B. Answer the following questions in complete sentences.**

1. Why chameleons are not dangerous animals? (P.7)

\_\_\_\_\_

2. When and what substance makes chameleons change their body colour? (P.8)

\_\_\_\_\_

3. Describe the process of a chameleon to catch a prey. (P.10 - 11)

\_\_\_\_\_

4. Do you think chameleons can survive for a longer time?

\_\_\_\_\_

# Reading to Learn Integrated Science

## Discovery Box Worksheet 9

### Magazine Information:

**Volume: No. 115**

**Title: Seahorses**

**Pages: (P.5-11)**

Name : \_\_\_\_\_

Class : S.1 \_\_\_\_\_ ( )

Date : \_\_\_\_\_

After reading the article, answer the following questions.

**A. Check the dictionary, and write down both the Chinese and English meaning of the following vocabularies.**

Vocabularies	Meaning
1. Flapping (P.6)	( )
2.	( 鱗片 ) Many small flat pieces which covered the skin of fish and snakes (P.6)
3. Spine (P.7)	
4.	( 小袋 ) A bag or soft container for babies (P.8)
5.	( 精疲力竭 ) Feel extremely tired (P.8)

**B. Answer the following questions in complete sentences.**

1. Write down **FOUR** characteristics of a seahorse. (P.6)

\_\_\_\_\_

\_\_\_\_\_

2. What are the responsibilities of a male seahorse after mated with female one. (P.8)

\_\_\_\_\_

\_\_\_\_\_

3. Why do seahorses become endangered? (P.11)

\_\_\_\_\_

\_\_\_\_\_

4. If you are one of the animals in the sea, do you want to be a seahorse? Why?

\_\_\_\_\_

\_\_\_\_\_

# Reading to Learn Integrated Science

## Discovery Box Worksheet 10

### Magazine Information:

**Volume: No. 112**

**Title: The Arctic and Antarctica**

**Pages: (P.13-21)**

Name : \_\_\_\_\_

Class : S.1 \_\_\_\_\_ ( )

Date : \_\_\_\_\_

**After reading the article, answer the following questions.**

**A. Check the dictionary, and write down both the Chinese and English meaning of the following vocabularies.**

Vocabularies	Meaning
1. Flipper (p.14)	( )
2. Waddle (p.14)	( )
3. Tuck (p.16)	( )
4.	( 袋 ) a pocket of skin (P.16)
5. Rudder (p.19)	( )

**B. Answer the following questions in complete sentences.**

1. How can penguins avoid their feet from being too cold?(P.14)

\_\_\_\_\_

2. How can male and female penguins recognize each other when they get together again?(P.16)

\_\_\_\_\_

3. What animals will hunt penguins as food?(P.21)

\_\_\_\_\_

4. Do you think penguins are good parents?

\_\_\_\_\_