

NGUYỄN TRƯỜNG GIANG - HUỖNH TÚ KINH - LÊ VĨNH PHÚC

Amazing Science

3



NHÀ XUẤT BẢN GIÁO DỤC VIỆT NAM

NGUYỄN TRƯỜNG GIANG - HUỖNH TÚ KINH - LÊ VĨNH PHÚC

Amazing Science 3

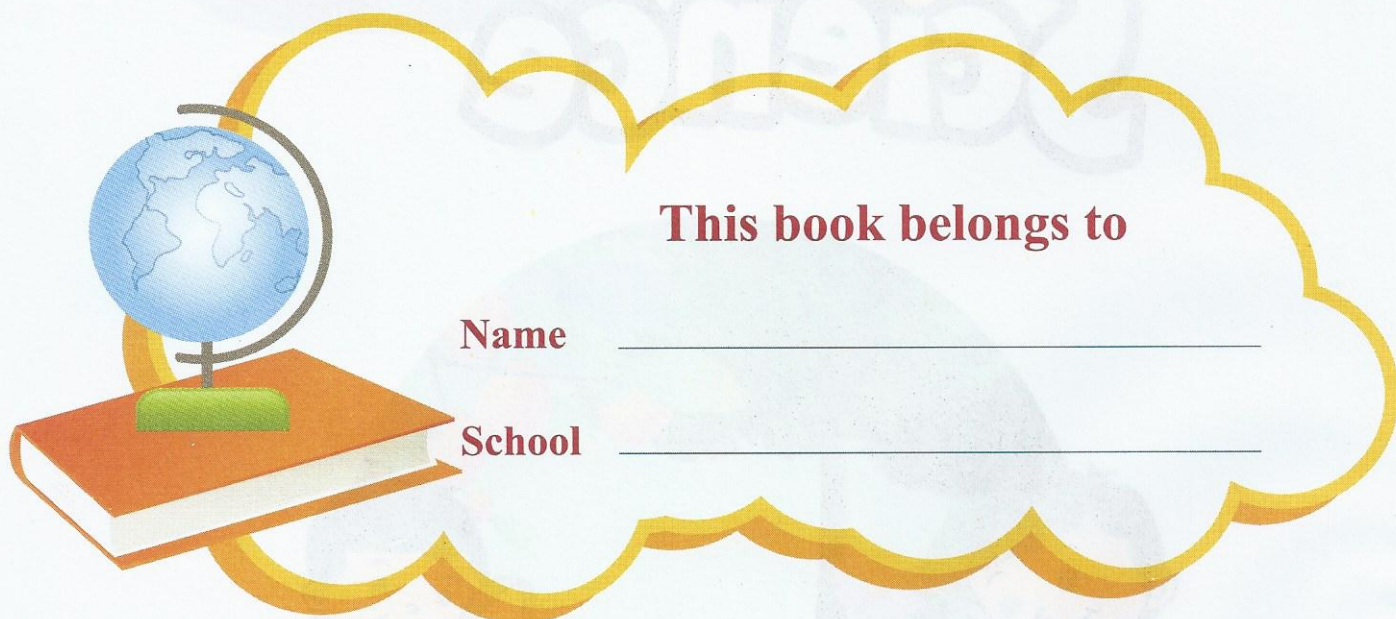


NHÀ XUẤT BẢN GIÁO DỤC VIỆT NAM

Tổ chức biên soạn:

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Công ty CP Dịch vụ xuất bản Giáo dục Gia Định



LỜI NÓI ĐẦU

Bộ sách *Amazing Science* dành cho học sinh học chương trình Tiếng Anh cấp Tiểu học, nhằm giúp các em phát triển khả năng sử dụng Tiếng Anh thông qua việc tiếp cận nội dung môn Khoa học. Sách được trình bày đẹp, dễ sử dụng. Nội dung sách phong phú, đa dạng, phù hợp lứa tuổi học sinh.

Quyển *Amazing Science 3* gồm nhiều chủ đề xoay quanh kiến thức khoa học cơ bản thích hợp với trẻ em Việt Nam học Tiếng Anh thông qua ngôn từ khoa học. Mỗi bài học được biên soạn theo cấu trúc thông dụng **LET'S LEARN, LET'S PRACTICE** và **LET'S TRY**. Các kiến thức bài được viết theo kiểu nối tiếp từ quyển 1 đến quyển 5, hệ thống kiến thức phát triển liên mạch, theo đó các từ ngữ khoa học được sử dụng xuyên suốt giúp các em tăng dần vốn từ Tiếng Anh về khoa học tự nhiên một cách nhẹ nhàng.

Điểm mới của quyển *Amazing Science 3* là chú trọng phát triển tư duy, khơi dậy khả năng sáng tạo và niềm đam mê học Tiếng Anh của học sinh Tiểu học qua môn Khoa học. Với từ vựng đơn giản và sinh động, các bài học đi từ những tình huống thực tiễn trong cuộc sống chuyển hoá thành những kiến thức khoa học cơ bản phù hợp với nhận thức của học sinh Tiểu học. Các dạng bài tập, bài thực hành phong phú giúp các em có những trải nghiệm thú vị trong việc tìm hiểu, khám phá và giải quyết những vấn đề trong cuộc sống hằng ngày.

Học khoa học để khám phá những điều kì diệu của thế giới xung quanh, để nhận biết mối quan hệ gắn bó chặt chẽ giữa con người và thiên nhiên, từ đó học sinh biết yêu quý, bảo vệ và xây dựng thiên nhiên ngày càng tươi đẹp hơn. Đó chính là mục tiêu mà chúng ta mong muốn các em đạt được.

Chúng tôi hi vọng thông qua bộ sách *Amazing Science*, các em có thể tự tin sử dụng ngôn ngữ tiếng Anh để giải quyết các vấn đề của môn học cũng như ứng dụng vào đời sống thực tiễn hằng ngày.

Chúng tôi mong nhận được ý kiến đóng góp của quý thầy cô, cha mẹ học sinh và các em để bộ sách ngày càng hoàn chỉnh hơn.

Chúc các em có những giờ học thú vị với *Amazing Science 3*.

Nhóm tác giả biên soạn

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NATURE and HUMAN

Lesson 1

BIRDS

LET'S LEARN

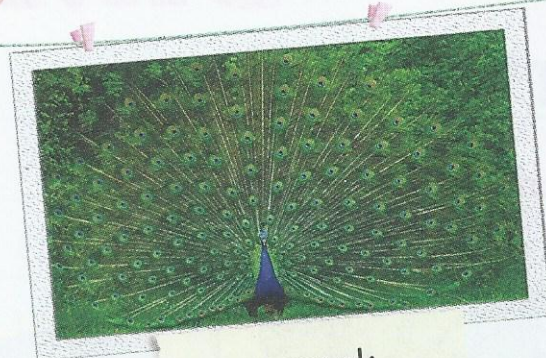
1. Read.



2. Name some kinds of birds you know.



pigeon



peacock



sparrow



parrot



eagle



mallard

LET'S PRACTICE

1. Match.



2. What does a bird need? Choose and fill in the blanks.

food water a nest

A.



A bird needs _____.

B.



A bird needs _____.

C.

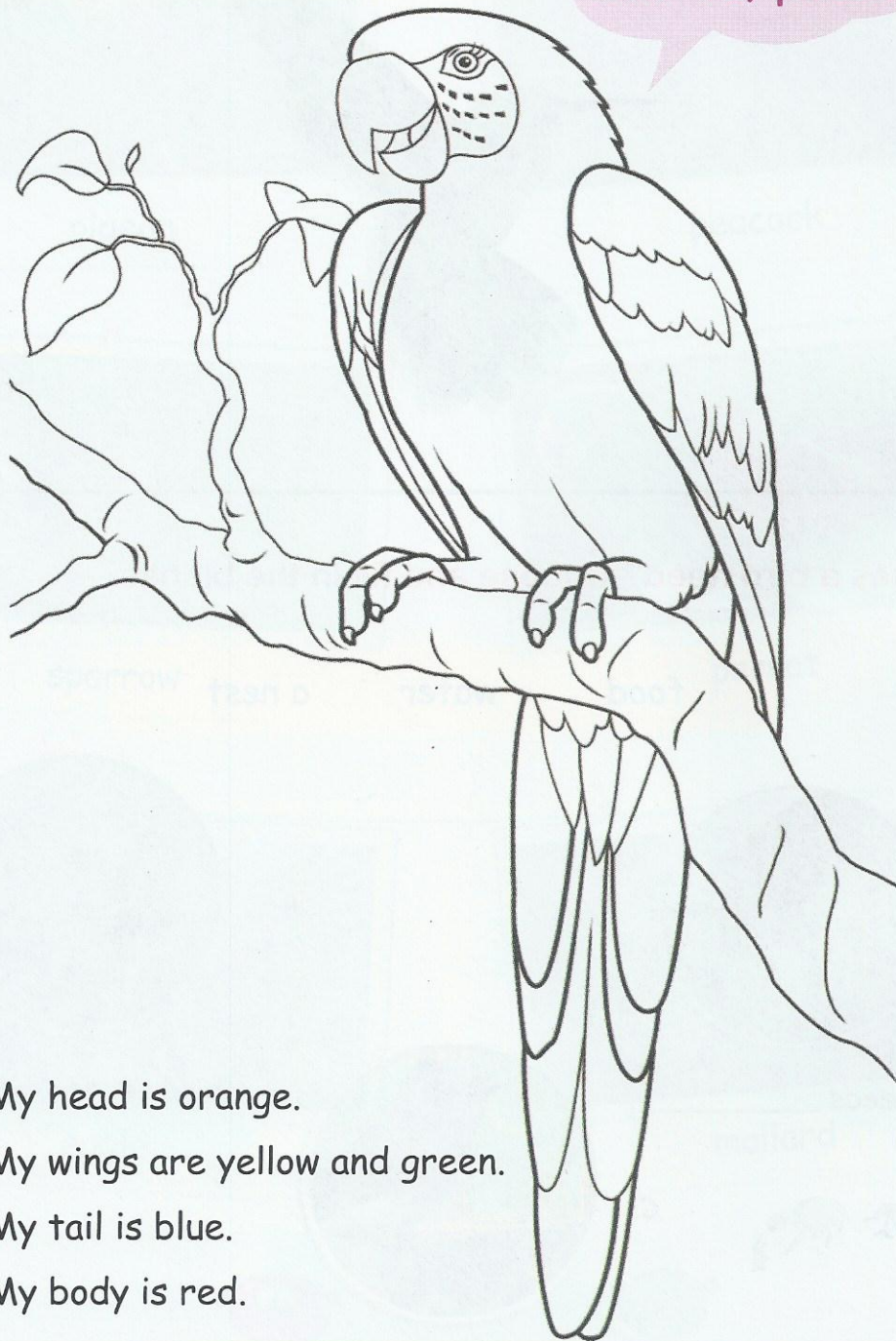


A bird needs _____.

LET'S TRY

Look, read and color the parrot.

Hello!
Color me, please.

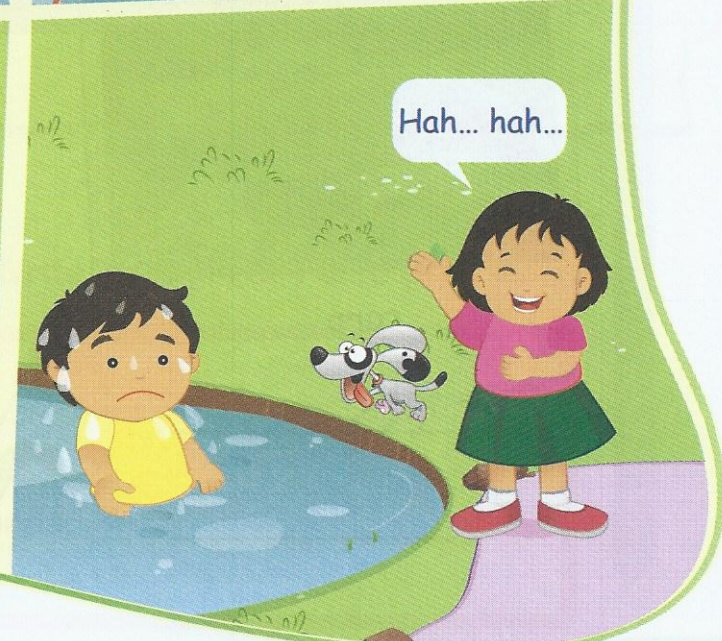
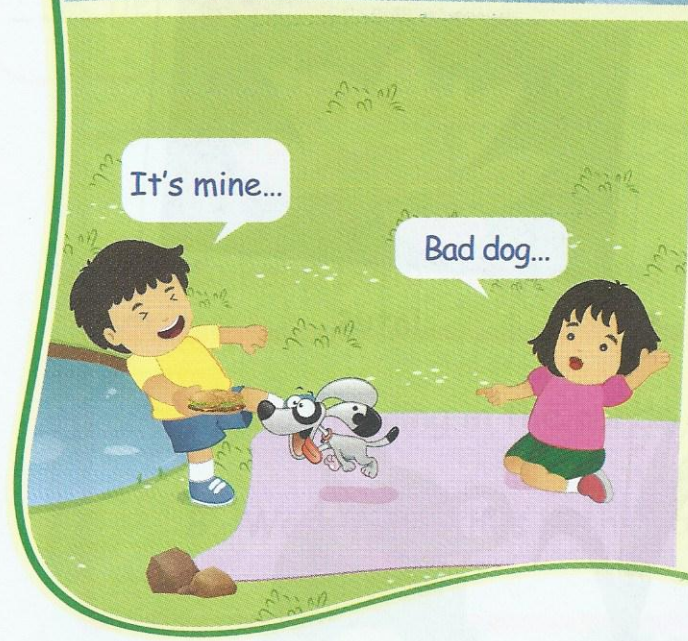
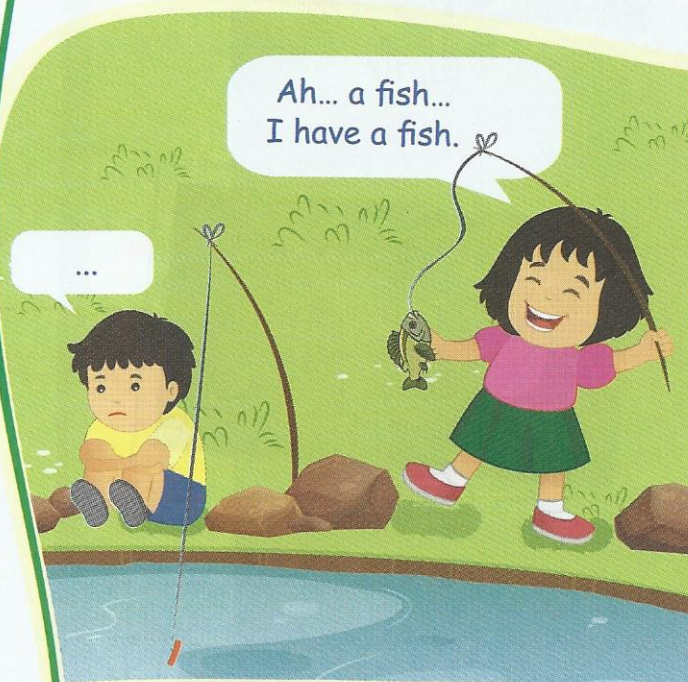


- My head is orange.
- My wings are yellow and green.
- My tail is blue.
- My body is red.

LIFE IN A POND

LET'S LEARN

1. Read.



2. What do you often see in a pond?



frog



turtle



dragonfly



snail



carp

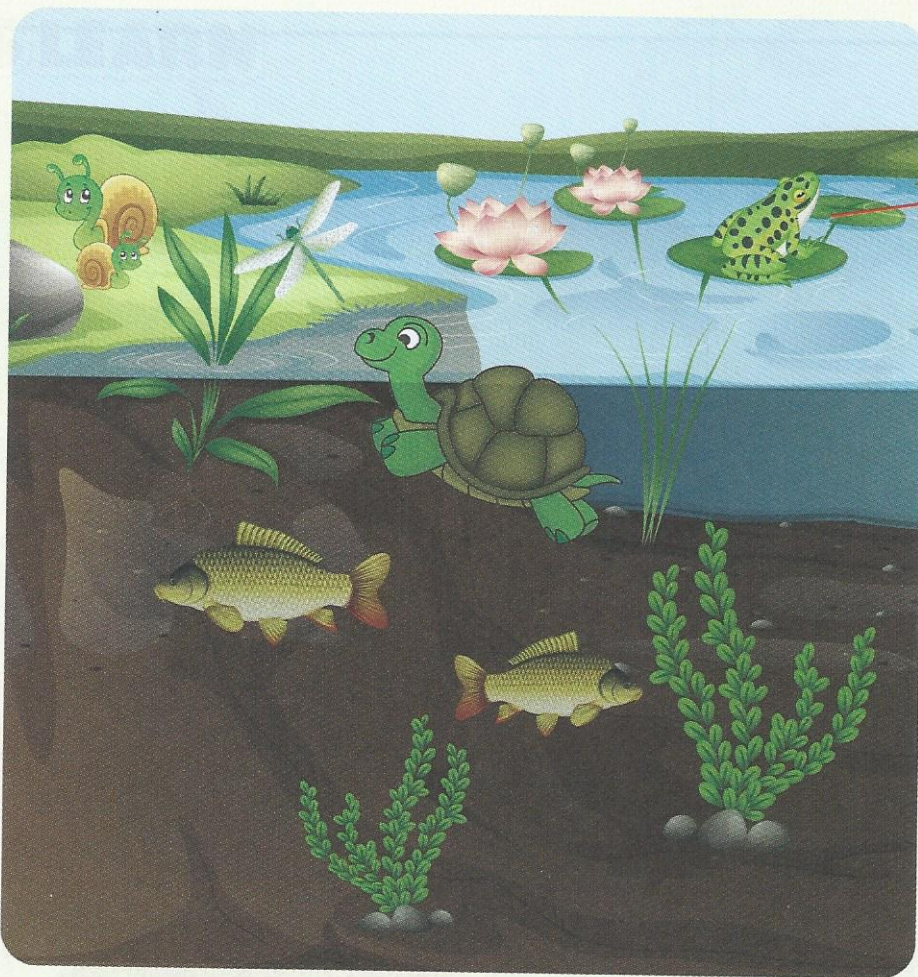


lotus



LET'S PRACTICE

1. Complete the words and match.



s _ _ _

frog

fly

__tus

__tle

c_rp

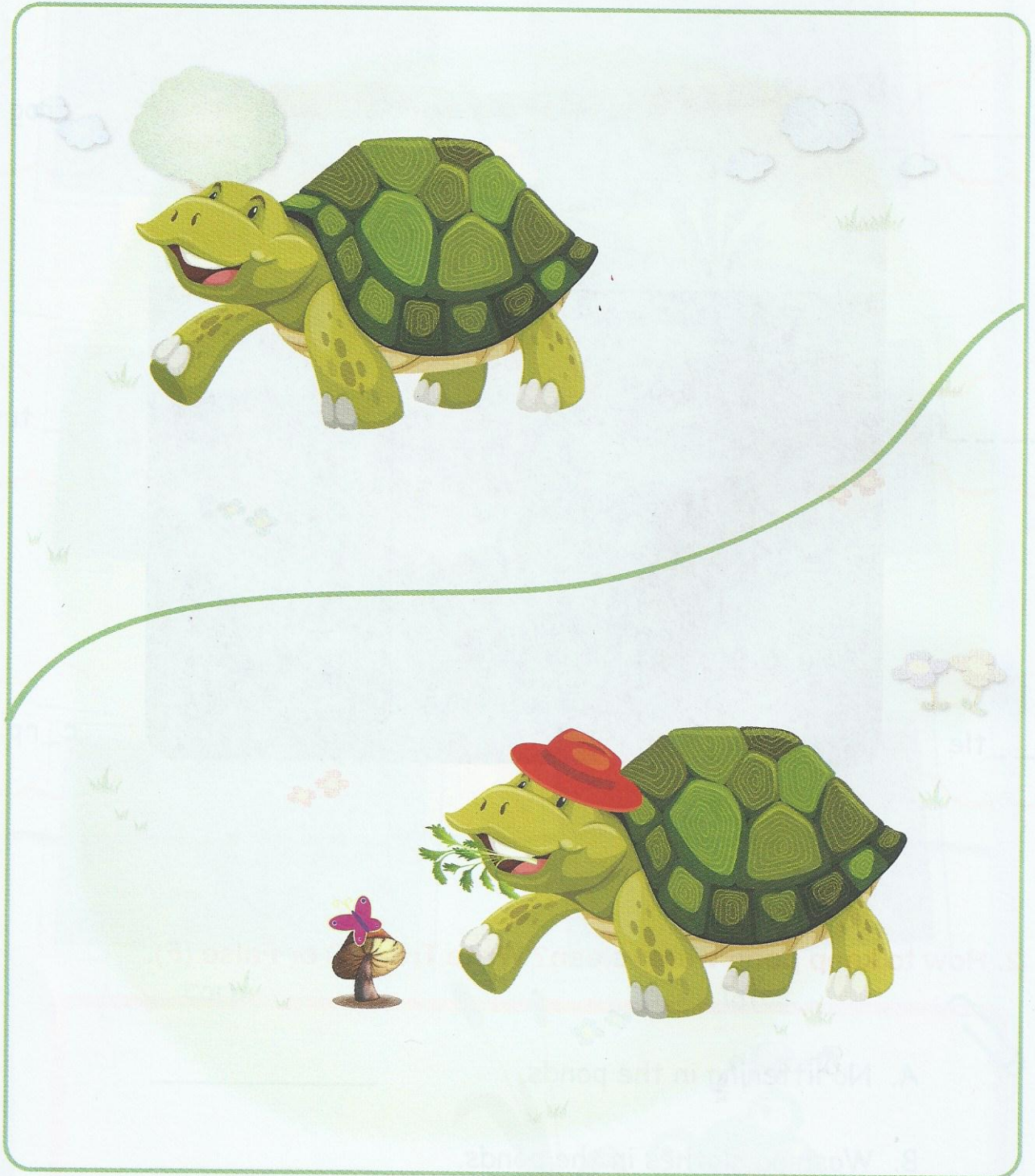
2. How to keep pond water clean? Write True (T) or False (F).

A. No littering in the ponds.

B. Washing clothes in the ponds.

LET'S TRY

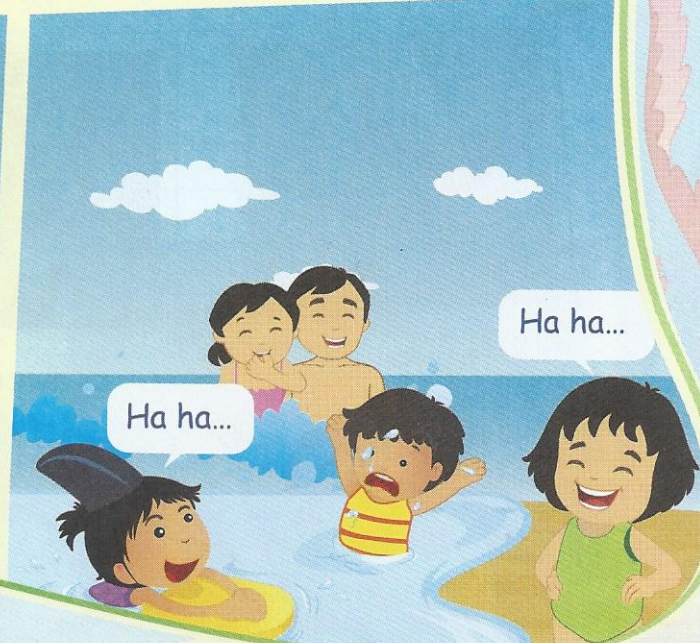
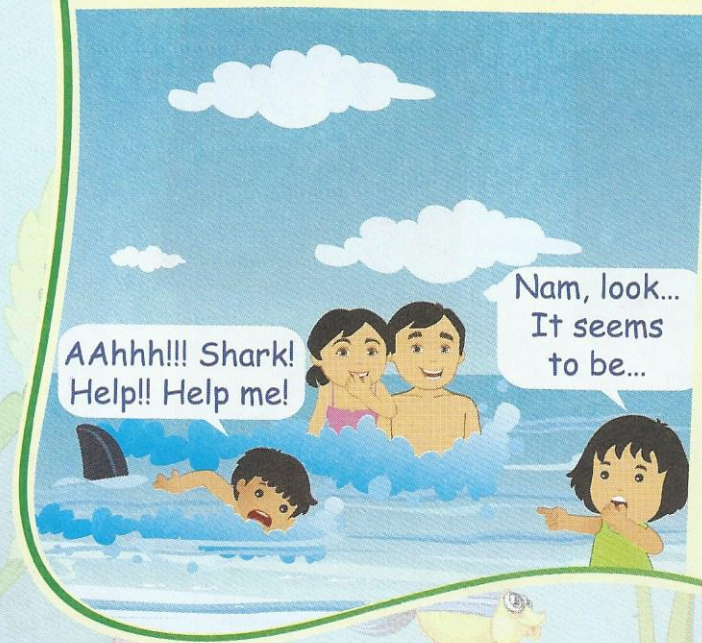
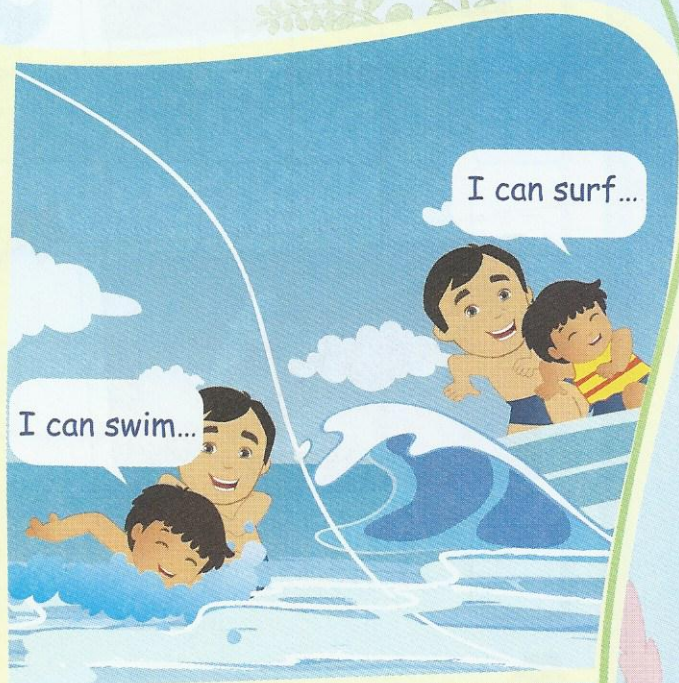
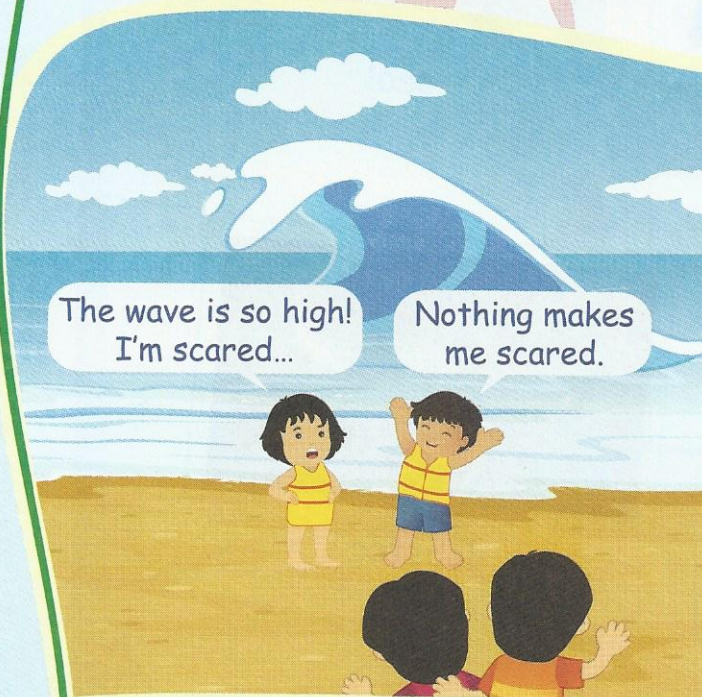
Find and circle the differences.



LIFE UNDER THE SEA

LET'S LEARN

1. Read.



2. Living things in the sea.



dolphin



seal



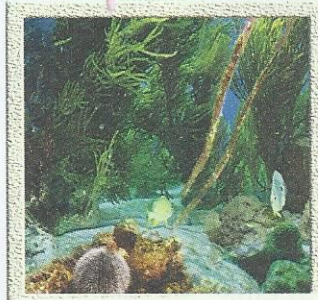
whale



lobster



starfish



seaweed

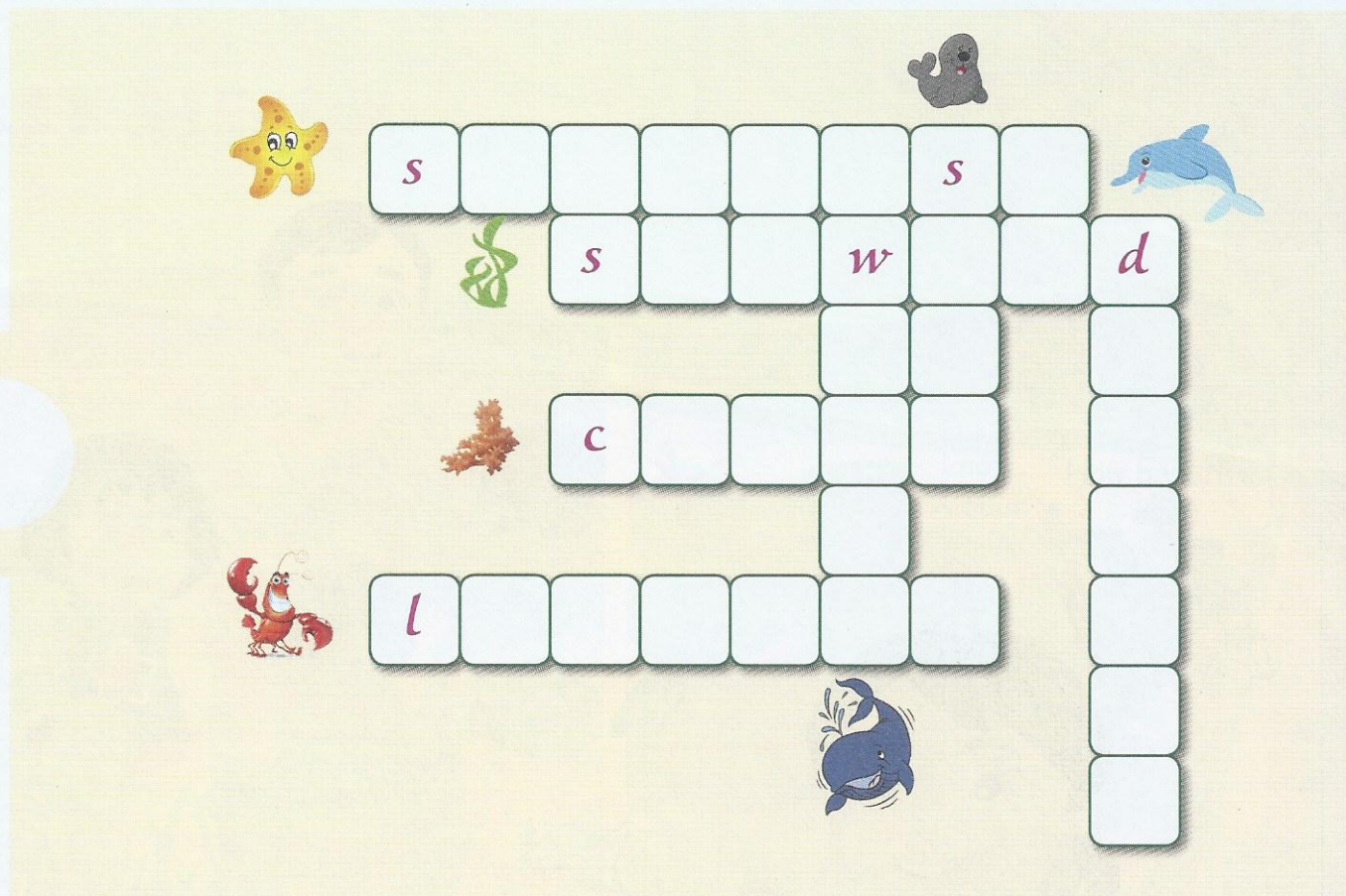


coral



LET'S PRACTICE

1. Crossword puzzle.



2. Why is the sea polluted?

The sea is polluted because of _____.



littering



oil spill

LET'S TRY

Let's circle the garbage on the beach to put it into the garbage bin.

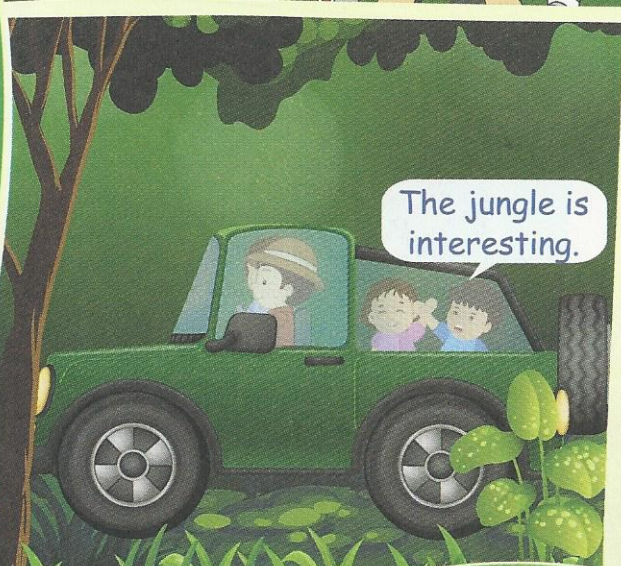
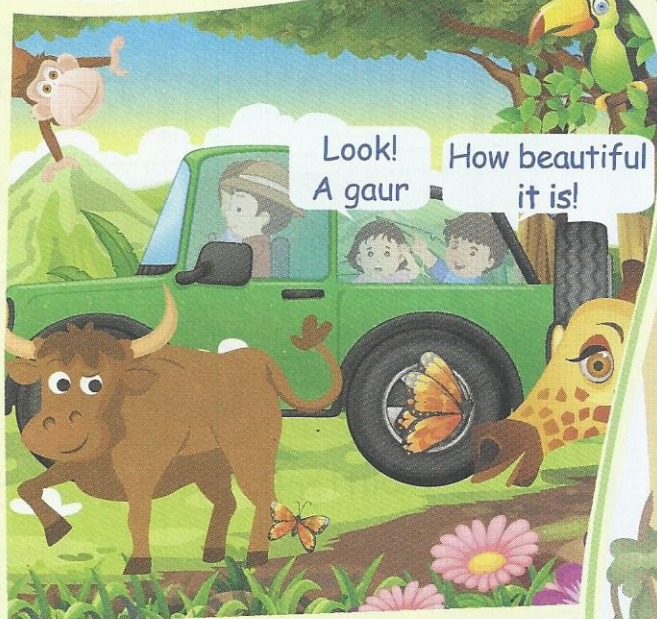
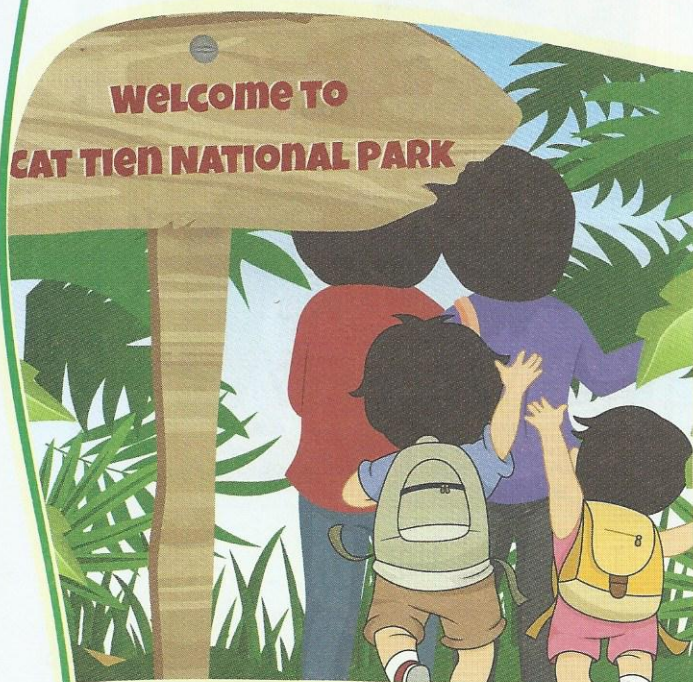


Lesson 4

LIFE IN THE JUNGLE

LET'S LEARN

1. Read.



2. What can you see in the jungle?



python



gaur



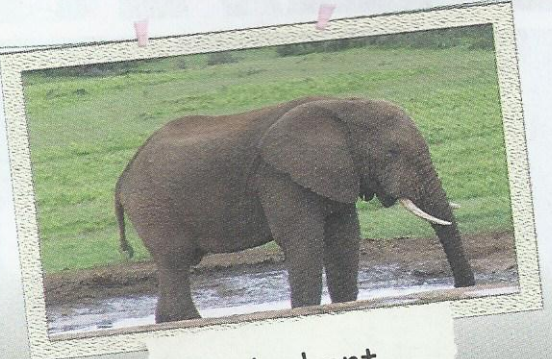
butterfly



tiger



deer



elephant

LET'S PRACTICE

1. Find and circle the words.

butterfly

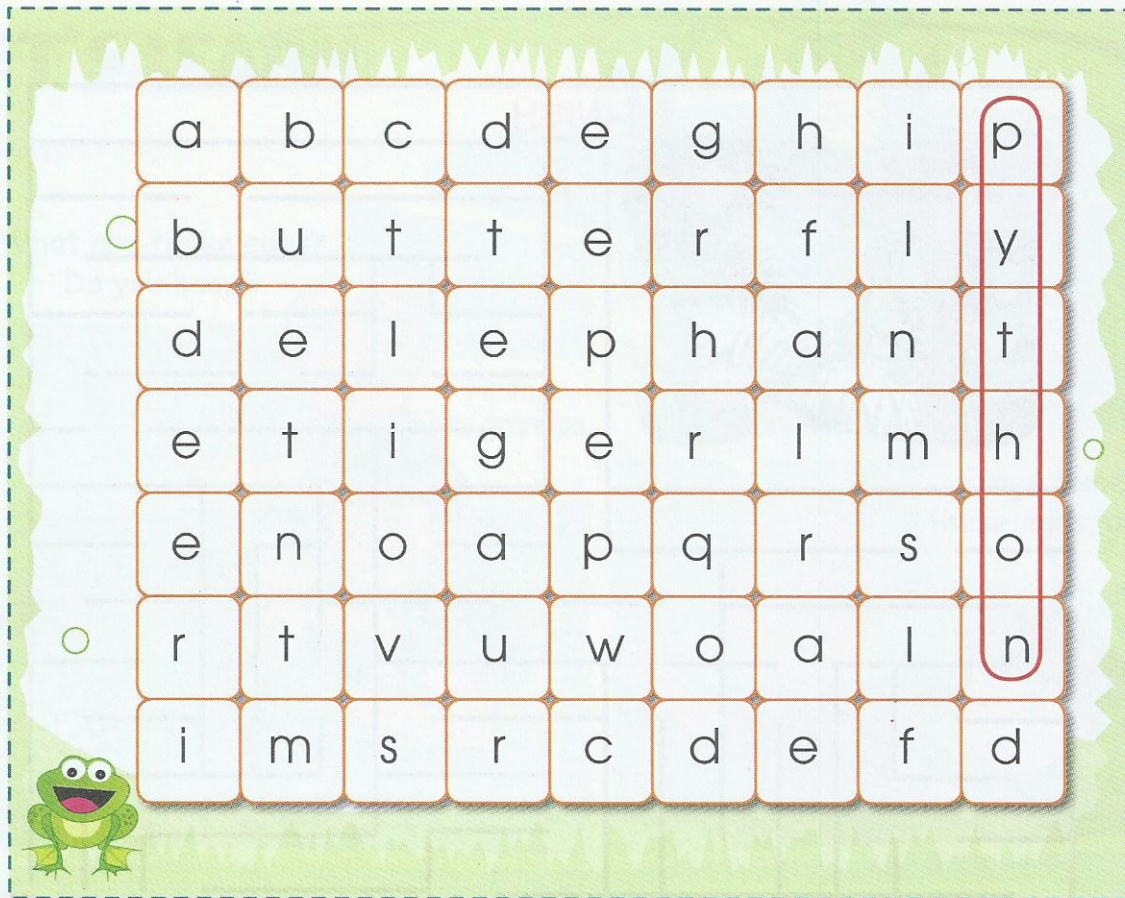
tiger

elephant

deer

gaur

python



2. What can we do to protect the forest?



Don't cut down trees.



Plant trees.

LET'S TRY

Draw a line to help Nam and Lan get to Cat Tien National Park.



LIFE CYCLE OF A FROG

LET'S LEARN

1. Read.



What are these eggs?
Do you know?

Hmm...
No, grandpa.

They're frogs' eggs.



Frogs come from
these eggs, grandpa?

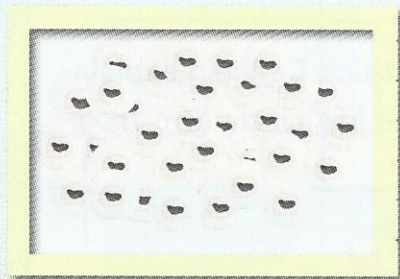
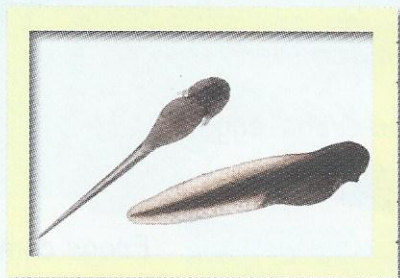
Oh, not really!

Then, what do
frogs' eggs
become, grandpa?

I think I should explain
the life circle of a frog.

Yeah!

2. What do you know about the life cycle of a frog?
Match the pictures with the correct words.



froglet

tadpole with legs

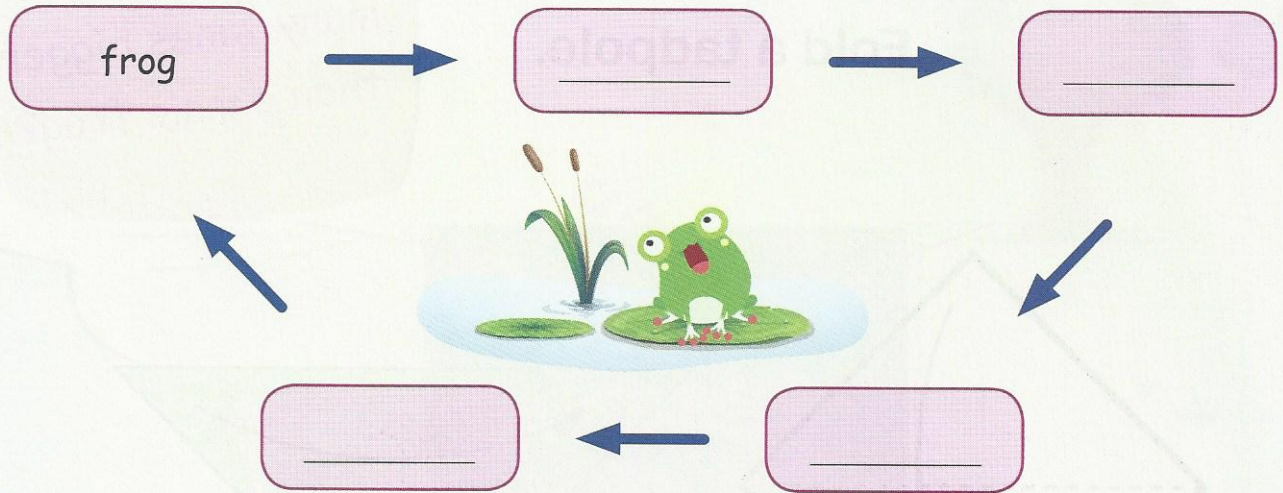
eggs

frog

tadpoles

LET'S PRACTICE

1. Complete the life cycle of a frog.

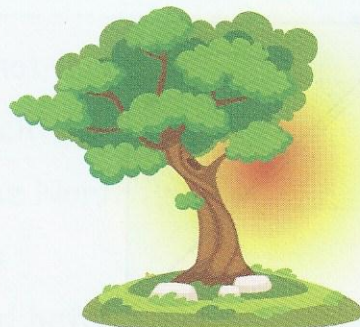


2. When do frogs lay eggs? Read then circle the correct answer.

Frogs lay eggs in the early rainy season.



A.



B.



C.

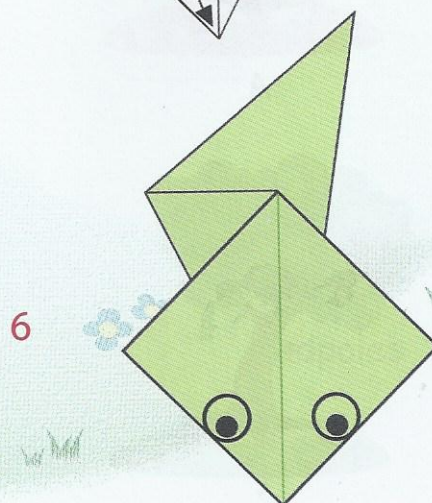
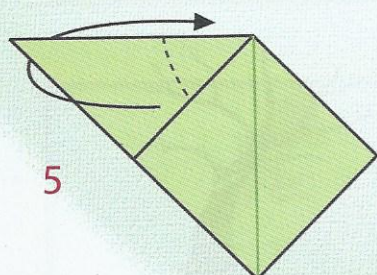
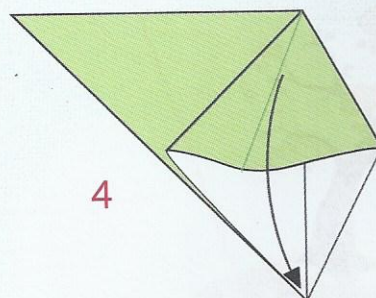
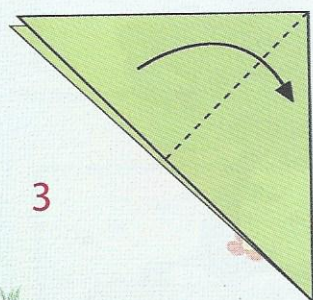
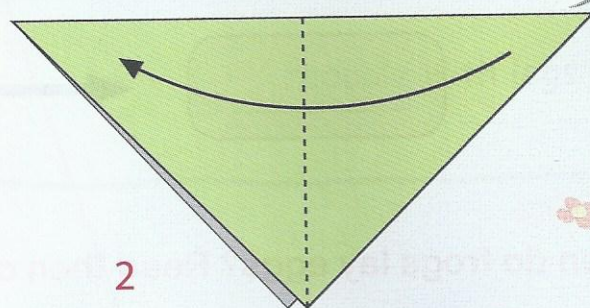
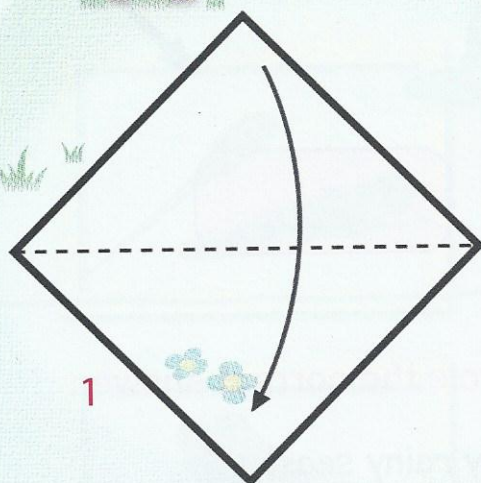


D.

LET'S TRY

Fold a tadpole.

Do you know that a female frog is many times bigger than a male frog?

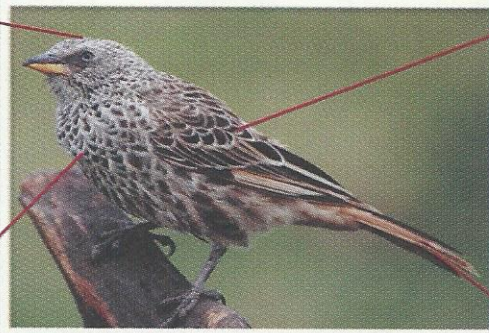




REVIEW 1

1. Look and write.

head



2. Circle the correct answers.

1. The biggest bird in the world that cannot fly is _____.
A. a peacock B. an ostrich
2. A kind of bird can only swim, live in the North Pole is _____.
A. a penguin B. a pigeon
3. All of kinds of birds lay _____ and hatch eggs.
A. eggs B. catepillars
4. _____ penguins have to hatch eggs.
A. Female B. Male

DO YOU KNOW THIS?

- A male seahorse carries the eggs in his pouch until they hatch.



- Ostriches can run faster than horses, and male ostriches can roar like lions.



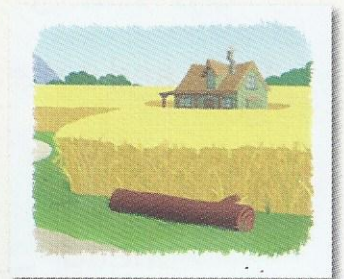
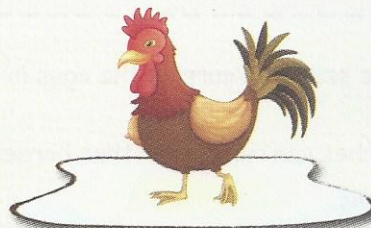
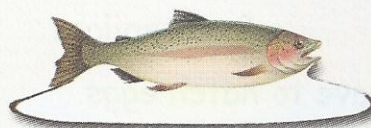
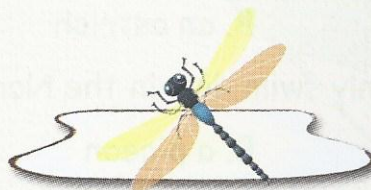
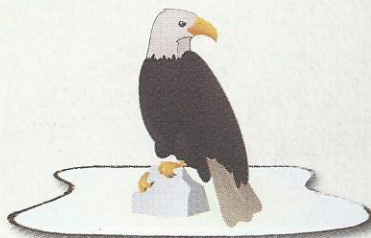
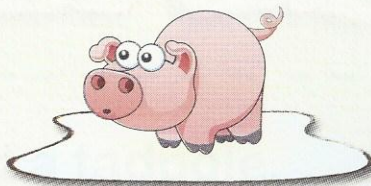
- Bats are the only mammal that can fly.



3. What are these animals? Where can you find them? Match.



sky



farm



pond



sea

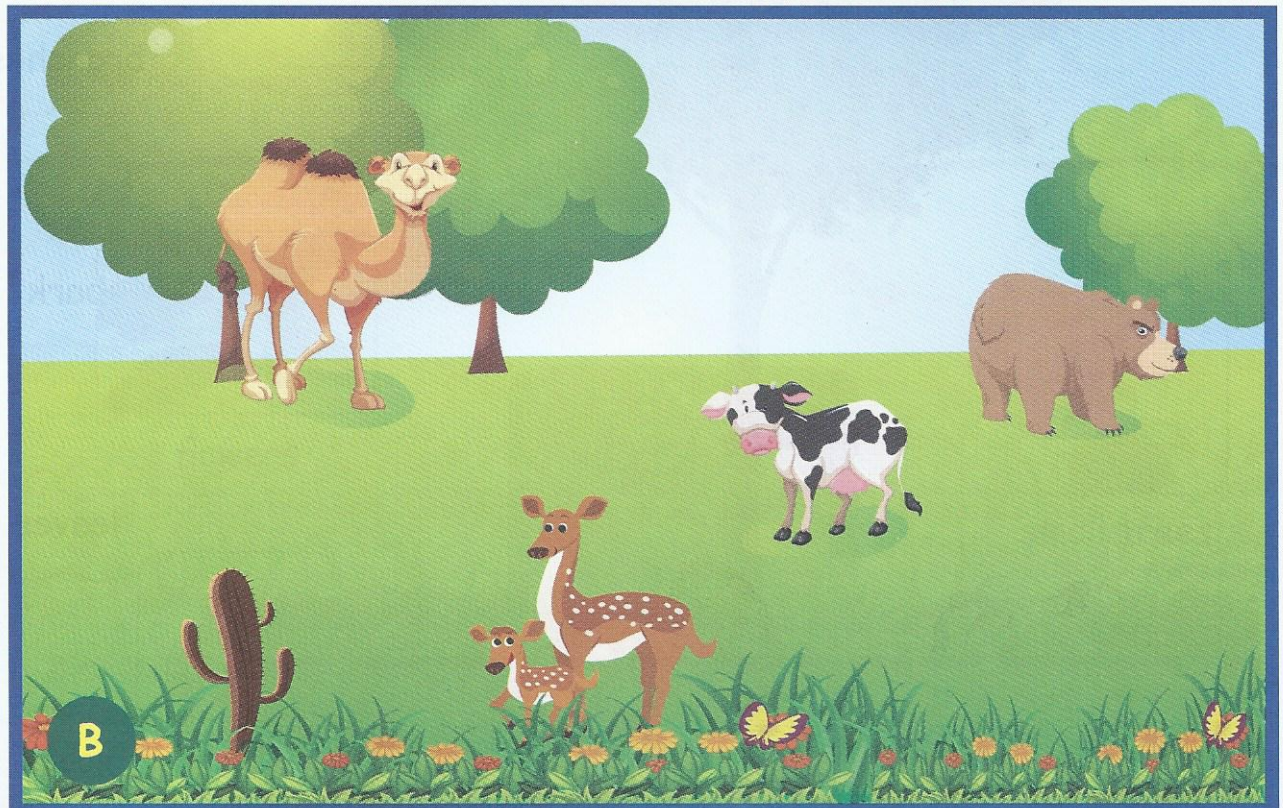
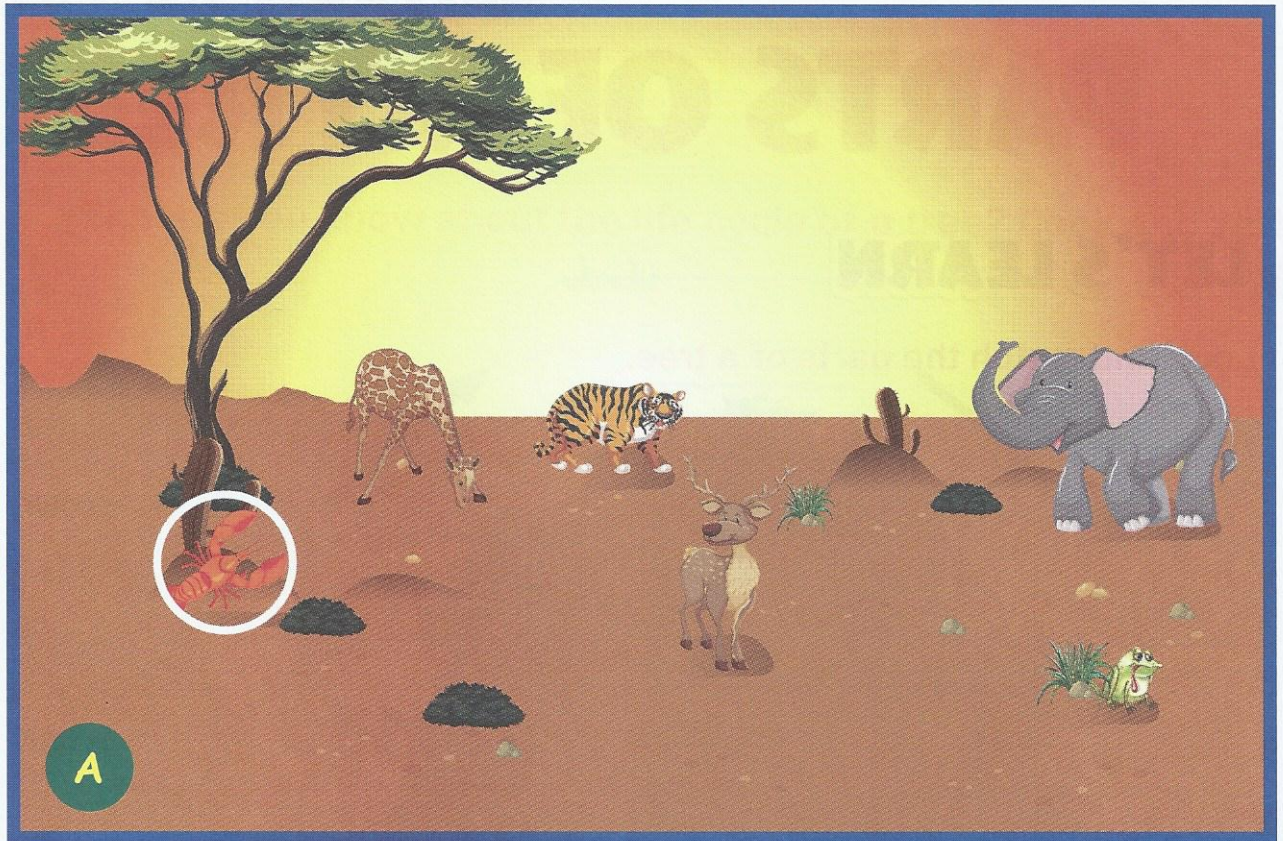


land



jungle

4. What is not correct in the following pictures? Find and circle.



PARTS OF A TREE

LET'S LEARN

Look and match the parts of a tree.



crown

trunk

branches

bark

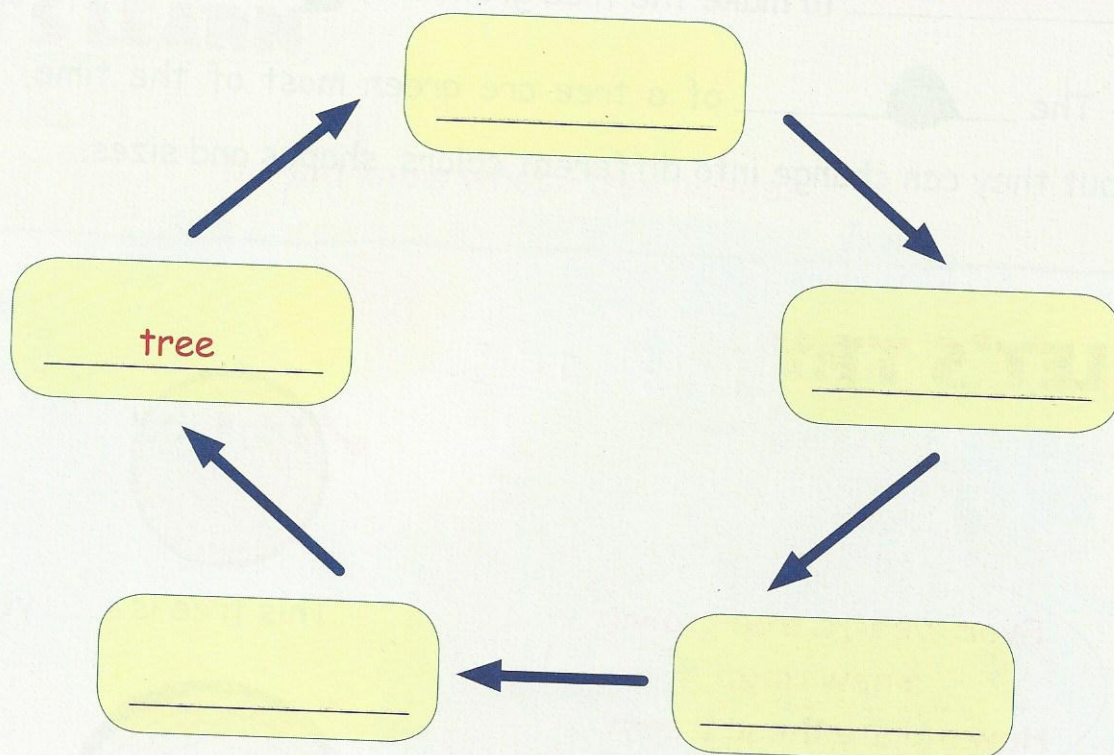
leaves

roots

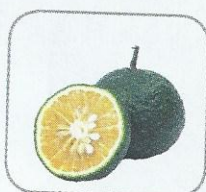
LET'S PRACTICE

1. Life cycle of a tree.

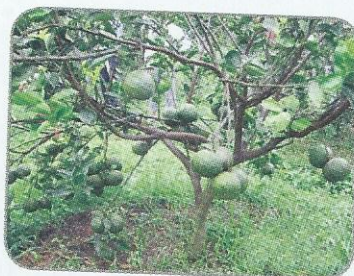
What do you know about the life cycle of a tree? Look and write.



flowers



fruits



trees



small trees



seeds

2. Fill in the blank.

What do you know about leaves?

- The leaves take in sunlight and use water and food through the _____ to make the tree grow, and reproduce.
- The _____ of a tree are green most of the time, but they can change into different colors, shapes and sizes.

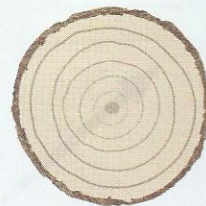


LET'S TRY

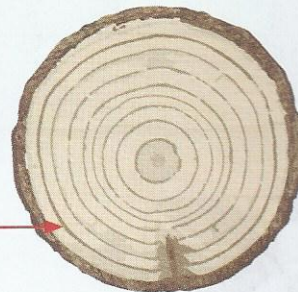
Every year, a tree grows
a new ring.
How old are these trees?



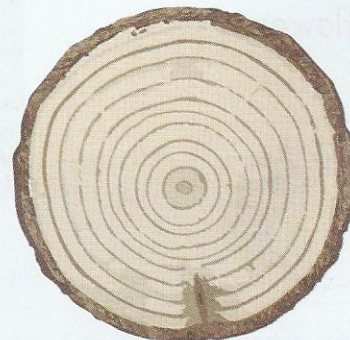
RING



This tree is _____ years old.



This tree is _____ years old.



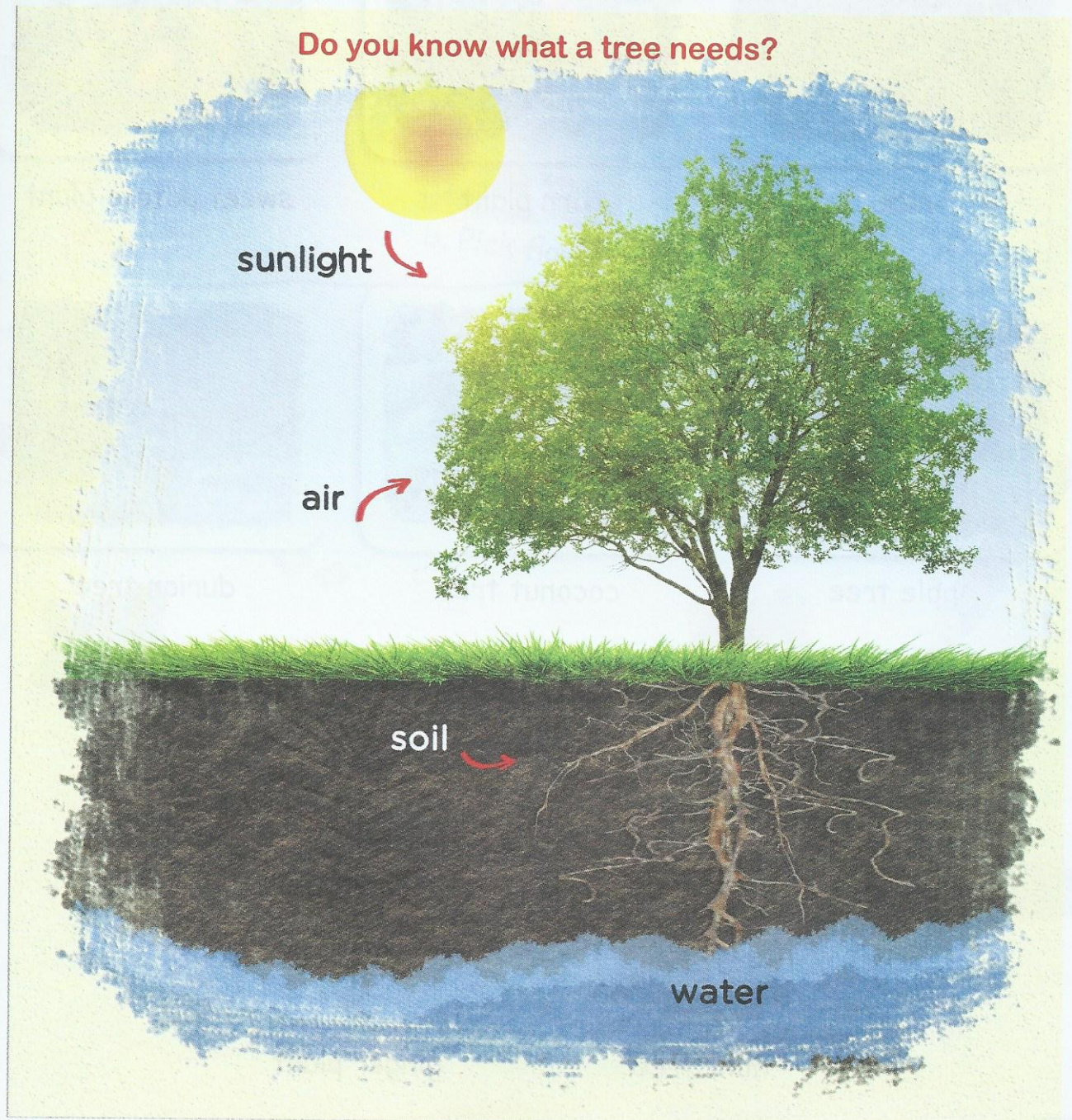
This tree is _____ years old.

Lesson 7

WHAT DO TREES NEED?

LET'S LEARN

Do you know what a tree needs?



LET'S PRACTICE

1. What do trees provide us?



rice



corn plant



sweet potato plant



apple tree



coconut tree



durian tree

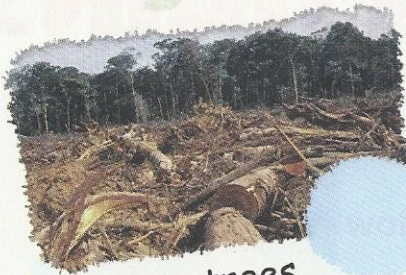


mint tree



ginger plant

2. Tick (✓) what we should do? Cross (x) what we should not do.



a. Cut down trees.



c. Plant trees.



b. Pick flowers.

LET'S TRY

Find the right ways!



FOOD CHAINS

LET'S LEARN

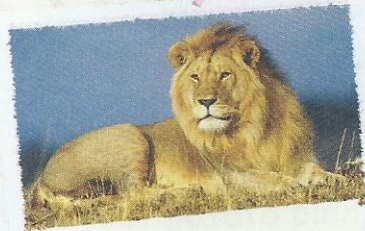
What do you see in the pictures below?



grass



gazelle



lion



caterpillar



sparrow



eagle



seaweed



small fish



tuna



shark

LET'S PRACTICE

1. Put the pictures in the right orders of the food chain.



frog

3



snail

2



lotus

1



eagle

4



carrot



lion



rabit



fox



rat



snake



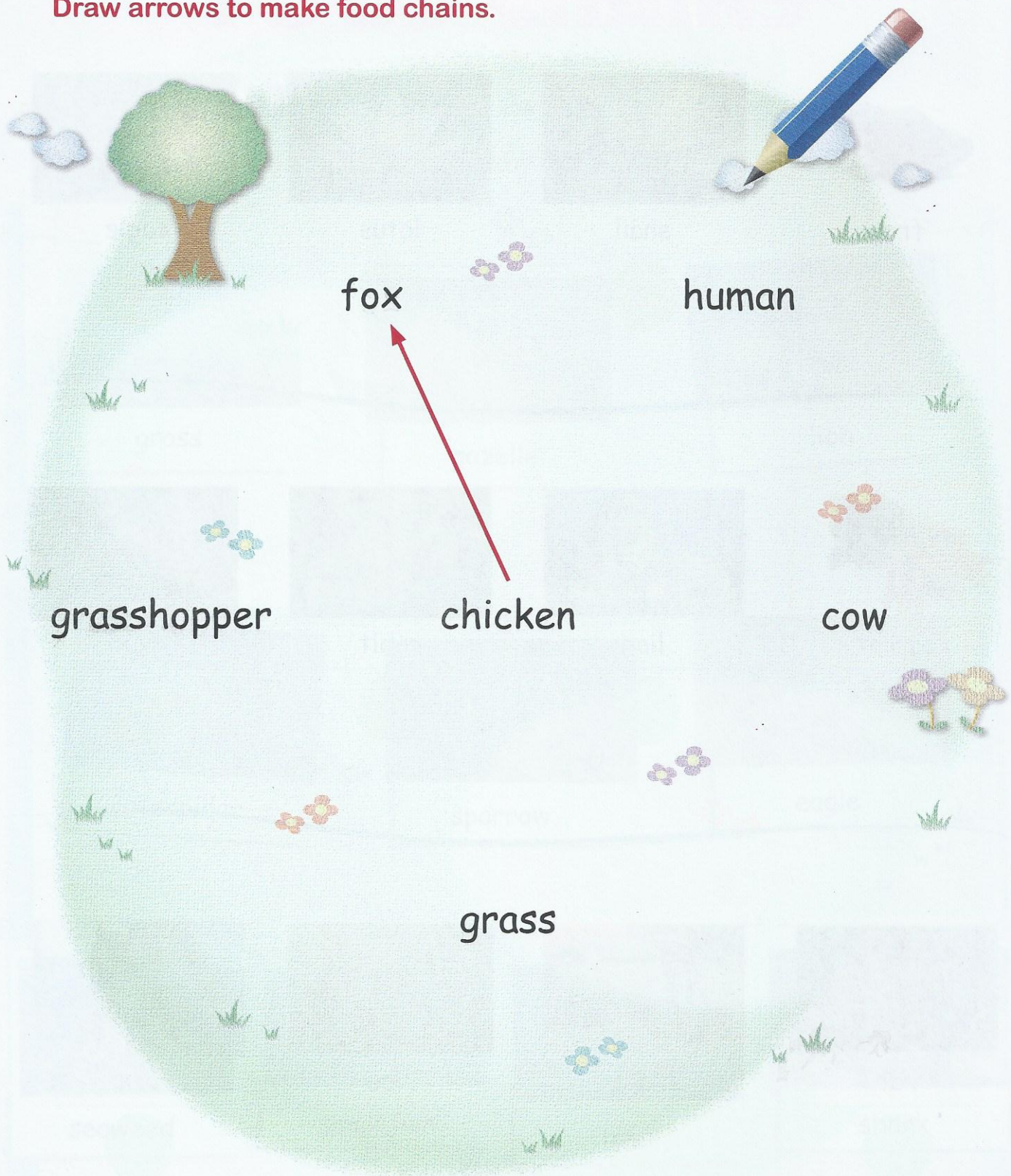
rice

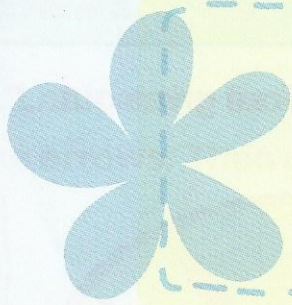


owl

LET'S TRY

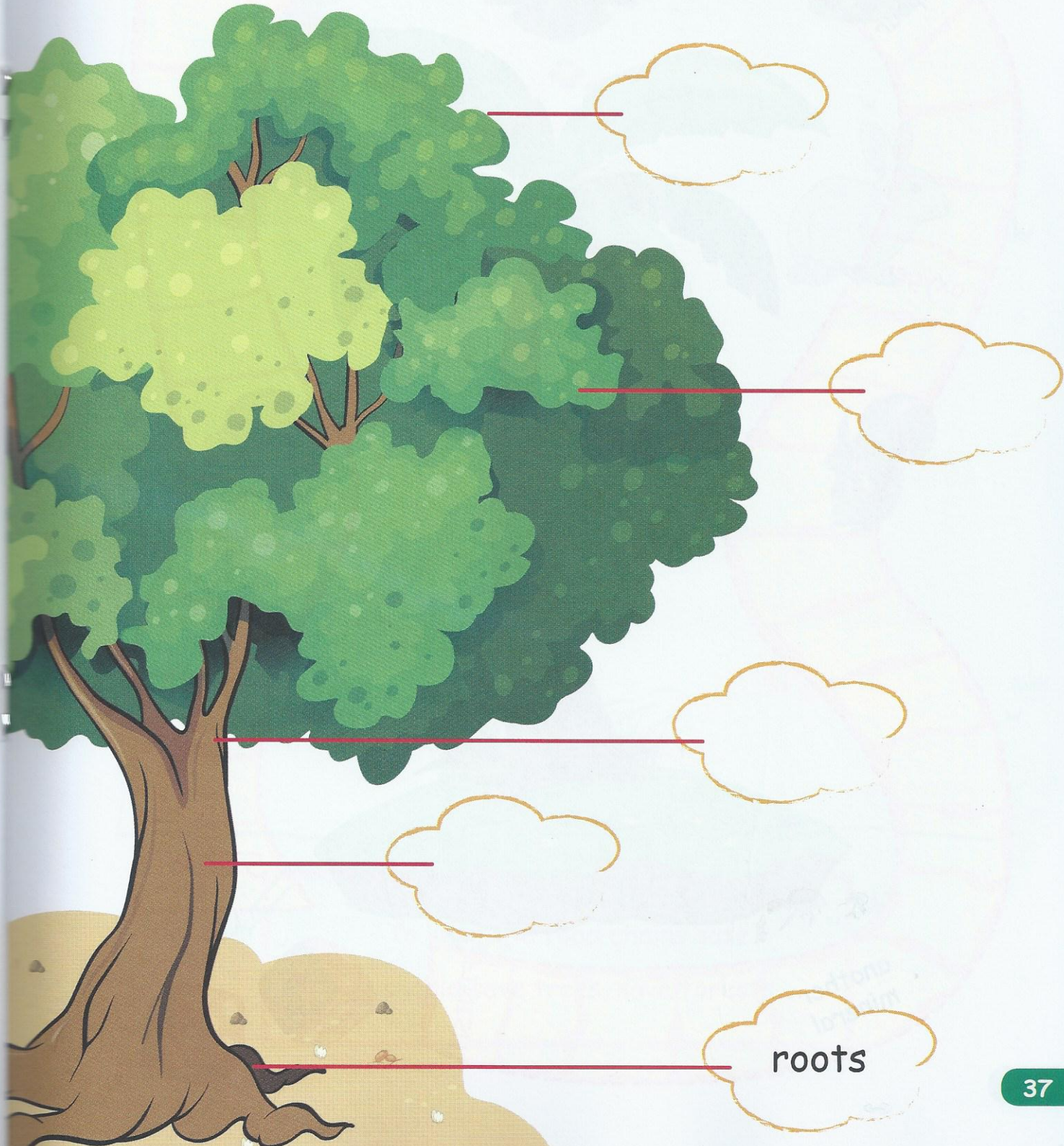
Draw arrows to make food chains.



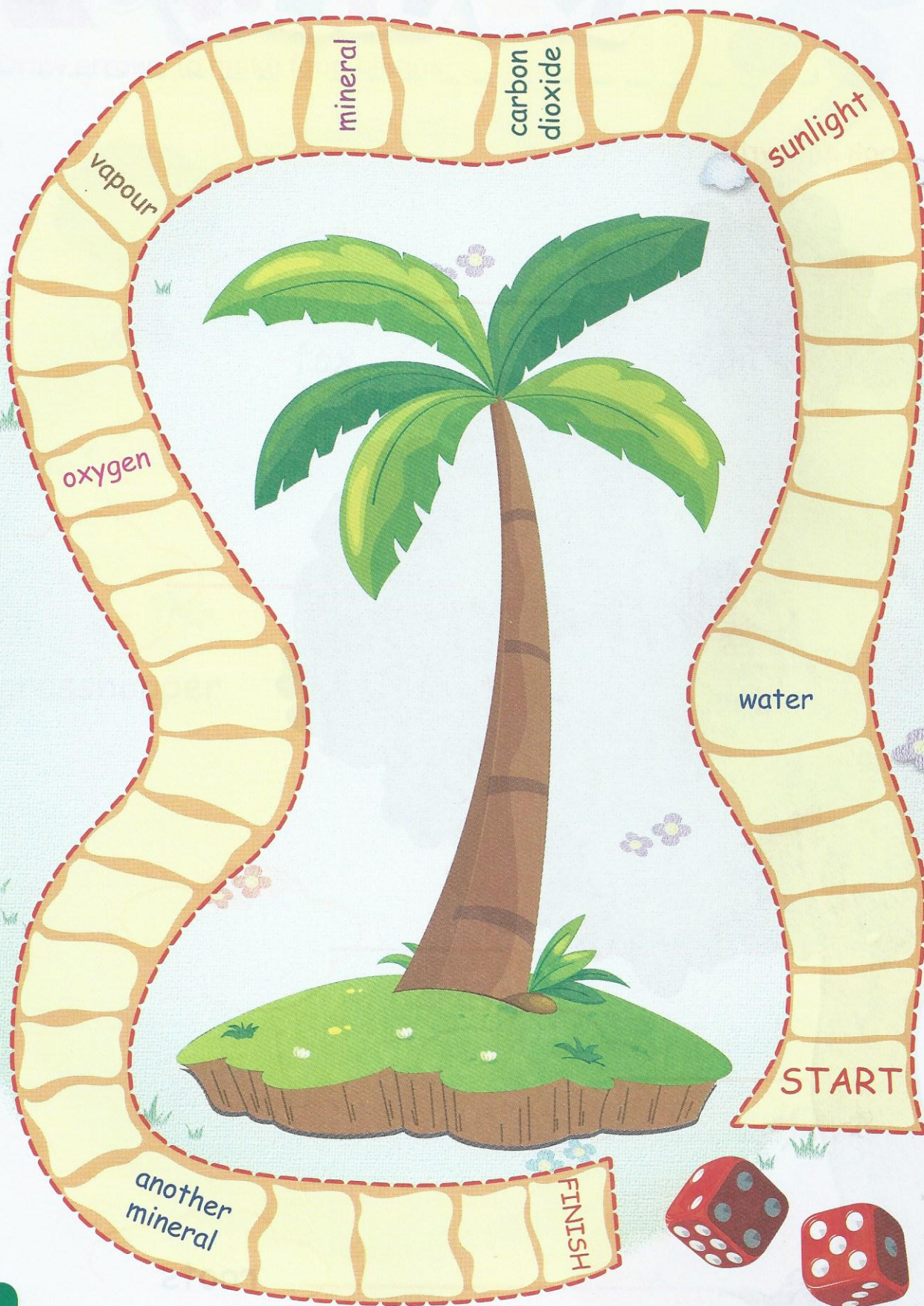


REVIEW 2

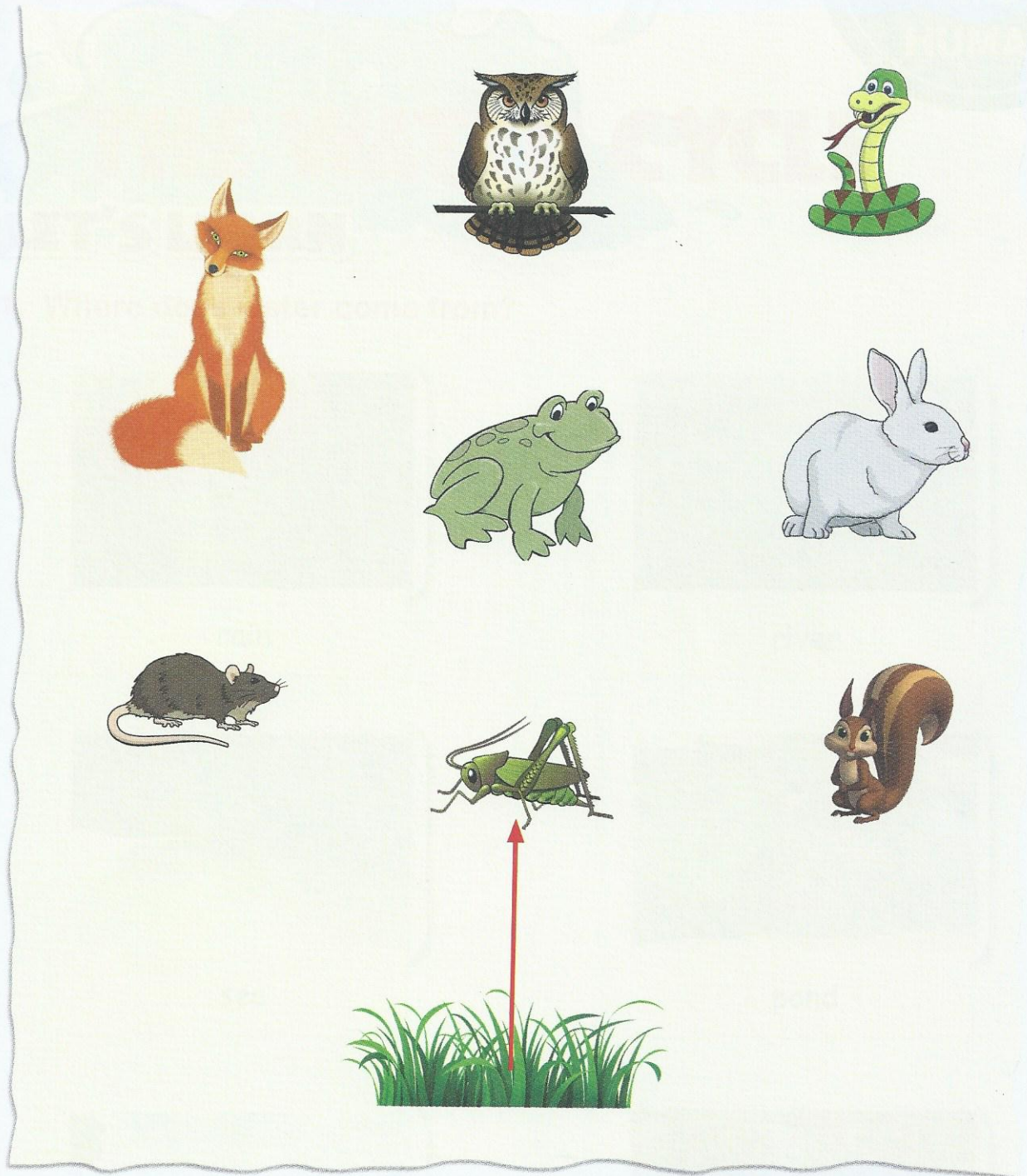
1. Look and write.



2. Toss a dice then say the words: "Tree takes in..." or "Tree gives out..."



3. Look at the food chains below. Complete the food chains by drawing the arrows. Then discuss.



To keep the food chains safe
we should save trees, save forests...

Lesson 9

CHAPTER 2

NATURE and HUMAN

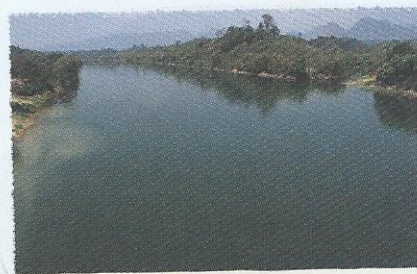
THE WATER CYCLE

LET'S LEARN

1. Where does water come from?



rain



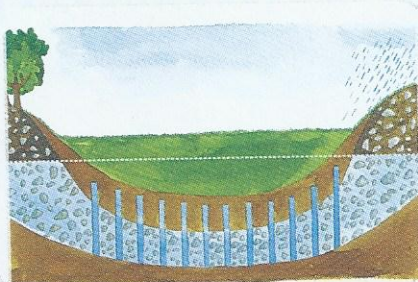
river



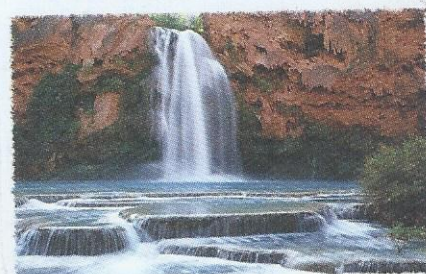
sea



pond



groundwater



waterfall

2. What do you know about the water cycle?



1. The Sun heats up water in lakes, rivers or oceans and turns it into vapor or steam. This is evaporation

2. Water vapping in the air gets cold and changes back into liquid, forming clouds. This is _____.

3. Water falls from the sky in the forms of rain, snow...
This is _____.

4. Oceans and lakes collect water. This is _____.

LET'S PRACTICE

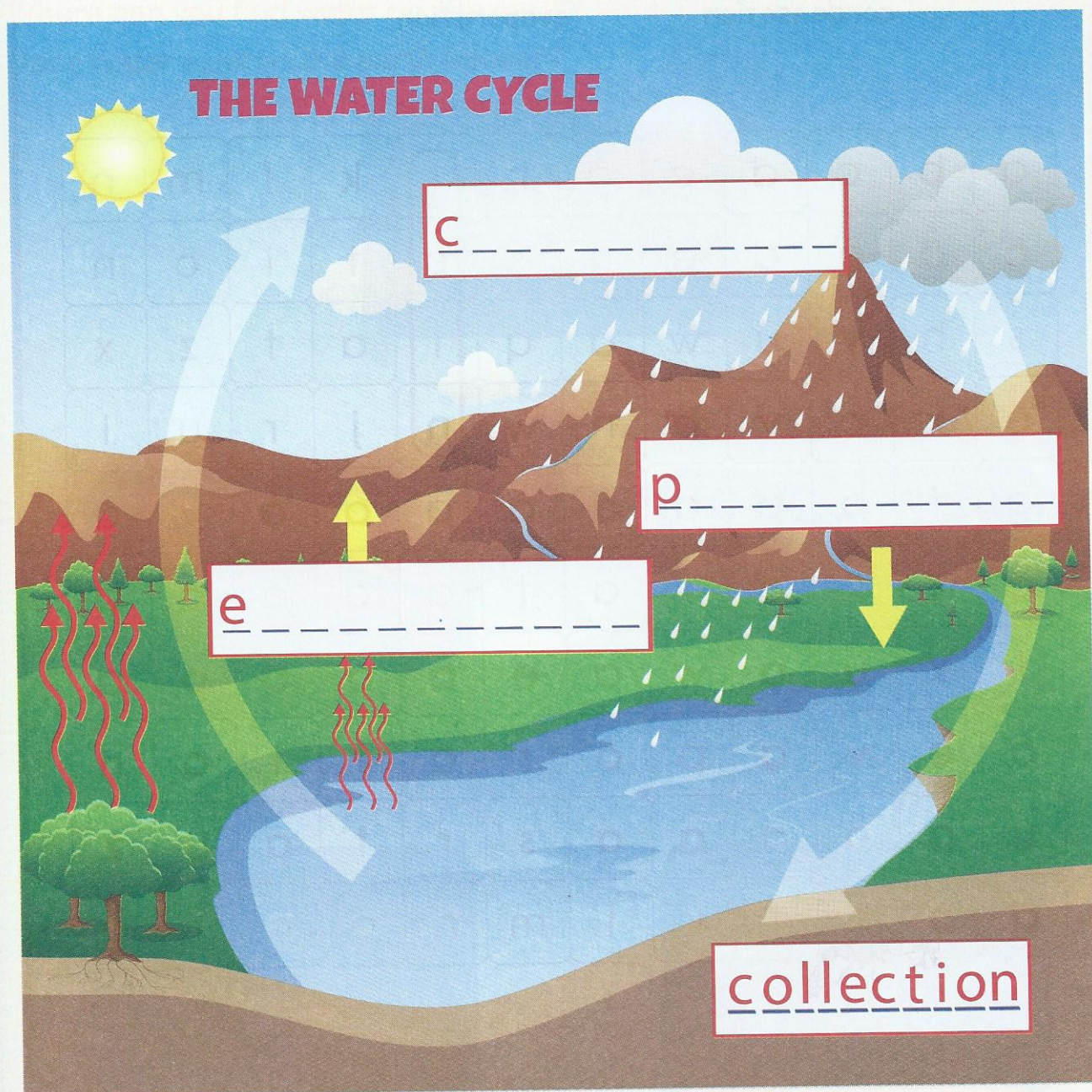
Write the words to complete the water cycle.

collection

precipitation

evaporation

condensation



LET'S TRY

Find and circle the hidden words in the table.



water

rain

cloud

condensation

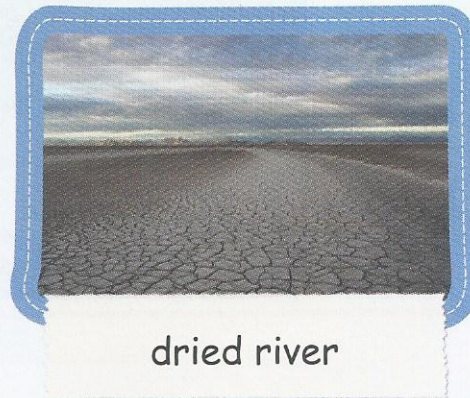
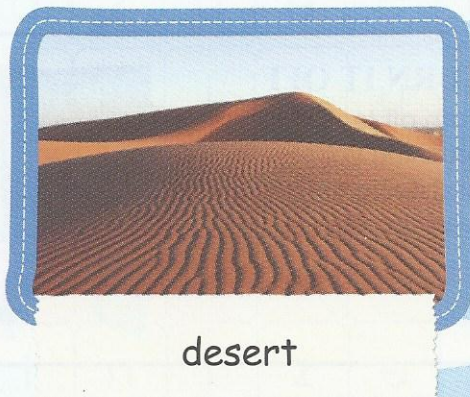
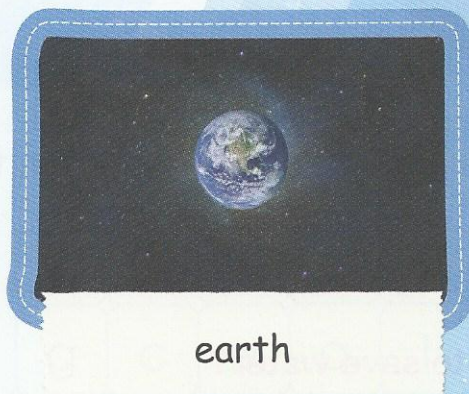
evaporation

a	b	c	d	e	g	h	r	k	l	m	n
c	o	n	d	e	n	s	a	t	i	o	n
s	h	y	u	w	a	q	i	a	t	z	x
e	x	c	v	b	n	w	n	j	r	u	i
g	f	a	a	d	a	a	a	a	a	v	a
c	y	k	a	i	a	t	a	a	a	a	a
l	x	u	a	w	a	e	a	a	a	p	a
o	e	v	a	p	o	r	a	t	i	o	n
u	a	a	a	a	a	s	r	t	a	u	z
d	a	h	i	k	l	m	n	o	p	r	a

WATER ON THE EARTH

LET'S LEARN

Where can you find water on the earth? What kind of water can you drink?
Does water exist on the earth forever?



LET'S PRACTICE

1. What kind of water can human use for daily activities?



There is not much fresh water on the Earth.
Don't waste water!

2. What should we do to save water?

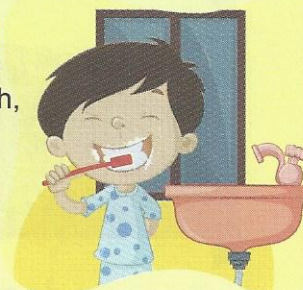
FIX LEAKING TAPS:

Fixing leaking taps doesn't take much, but it can save a lot of water.



TURN IT OFF:

Turn off taps while brushing your teeth, and doing the washing up.



LET'S TRY

Find and circle the hidden words in the table.

short shower

fix leaks

stream

collect rain

fresh water

s	e	l	k	n	i	r	p	s	t	s	u	a
t	q	a	h	b	y	r	f	c	n	k	f	m
r	s	h	o	r	t	s	h	o	w	e	r	p
e	x	e	s	g	c	e	a	l	z	l	e	k
a	z	u	e	b	a	o	v	l	p	z	s	s
m	z	j	n	u	m	y	u	e	q	z	h	k
e	b	v	o	x	l	j	m	c	c	o	w	a
v	o	k	z	a	u	c	r	t	w	n	a	e
i	n	r	z	e	x	w	h	r	l	e	t	l
t	m	e	e	s	w	e	p	a	c	s	e	x
a	b	c	l	z	t	e	p	i	c	o	r	i
n	e	p	s	u	h	v	j	n	l	h	o	f

FLOOD

LET'S LEARN

What happens during a flood?



house damage



animal deaths



farm damage



sickness



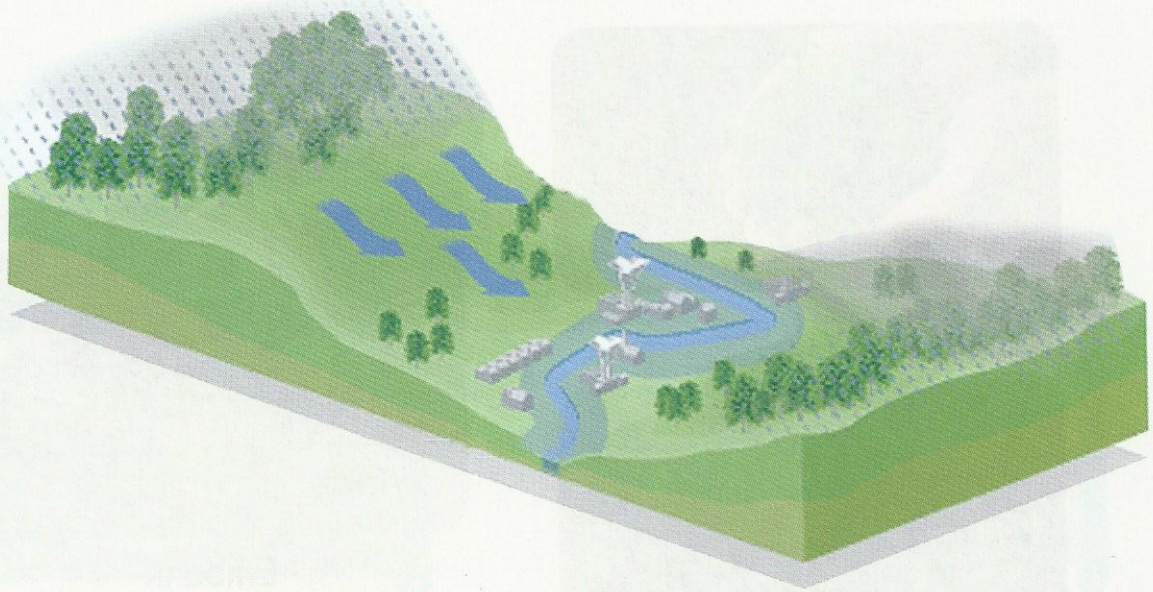
road damage



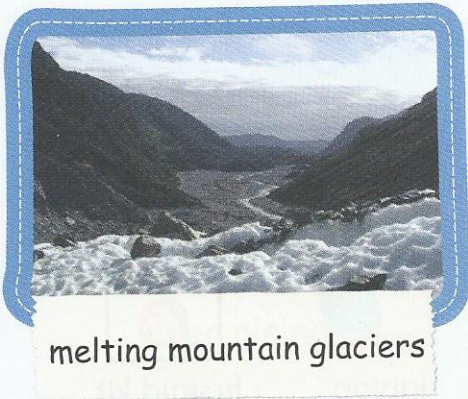
no clean water

LET'S PRACTICE

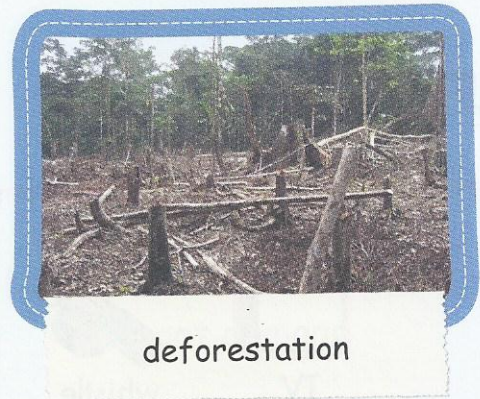
1. Why does a flood occur?



The flood occurs because of _____.



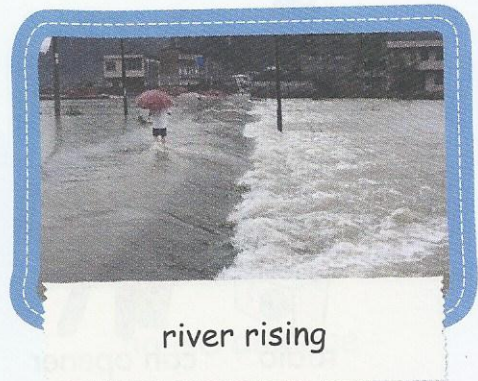
melting mountain glaciers



deforestation



heavy rain



river rising

2. What should we do to prevent floods?

We should _____.



Plant trees



Protect the forest



Embank

LET'S TRY

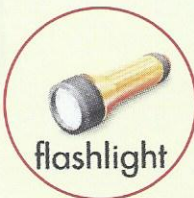
Circle basic disaster supplies kit.



TV



whistle



flashlight



laptop



firstaid kit



mobile phone



helmet



garbage bag



food



camera



radio



can opener



bike



water



book

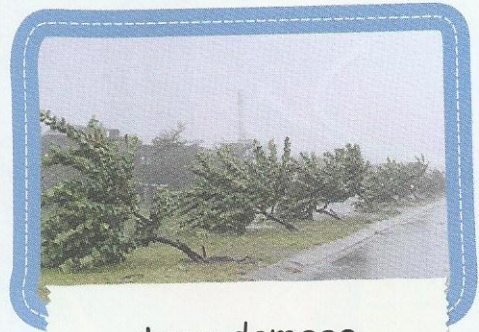
RAINSTORM

LET'S LEARN

1. What happens during a rainstorm?



strong waves



tree damage



river rising



boat damage



strong wind



house damage

2. Which months does the rainstorm usually happen in Viet Nam?
Put a tick (✓) or a cross (X).

January

February

March

April

May

June

July

August

September

October

November

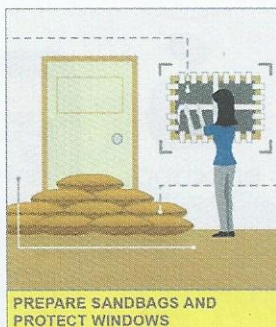
December



LET'S PRACTICE

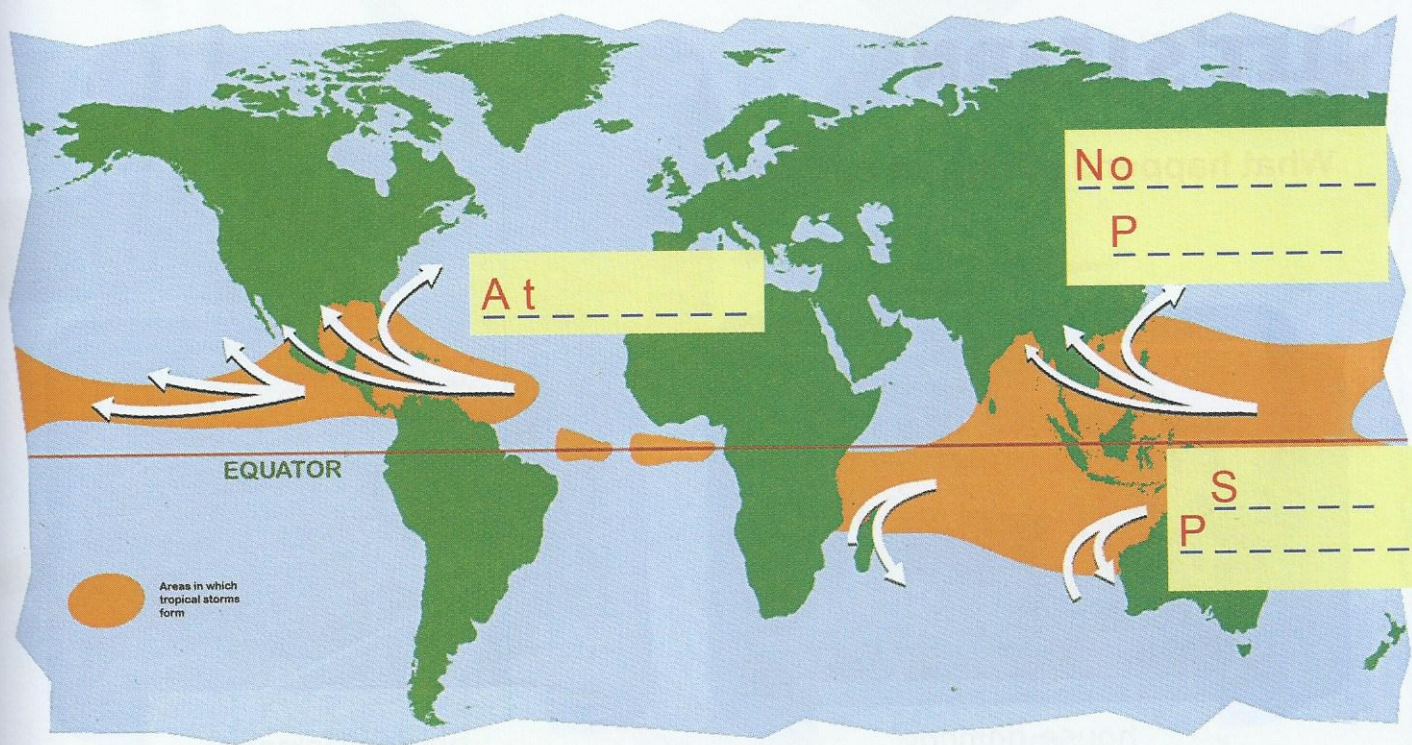
How to keep safe during a rainstorm?

You should _____.



LET'S TRY

Work in groups. Fill in the blanks.



Rainstorm is the weather phenomenon.
It often happens in Atlantic, Northwest Pacific and South Pacific Oceans.

EARTHQUAKE

LET'S LEARN

What happens during an earthquake?



house damage



bridge damage



road damage



tree damage

LET'S PRACTICE

1. What may happen after a strong earthquake?



tsunami



volcano



2. Be safe in an earthquake!

Do the same as in these pictures!



LET'S TRY

Find and circle the hidden words in the table.

tsunami

cover

hold

drop

fire

earthquake

volcano

a	b	c	d	e	g	h	r	k	l	m
c	o	n	d	a	n	s	a	t	i	o
s	h	y	u	r	a	q	i	a	t	f
e	x	c	v	t	s	u	n	a	m	i
g	f	a	a	h	a	a	a	a	a	r
c	y	k	a	q	a	t	a	d	a	e
o	x	u	a	u	h	e	a	r	a	p
v	e	v	a	a	o	r	a	o	i	o
e	a	a	a	k	l	s	r	p	a	u
r	a	h	i	e	d	m	n	o	p	r
x	c	v	o	l	c	a	n	o	h	g

Do you know?

- There are millions of earthquakes each year in the Earth.
- Japan has the most earthquakes in the world.
- Earthquakes occur in Viet Nam as well.





REVIEW

3

1. Complete the water cycle.

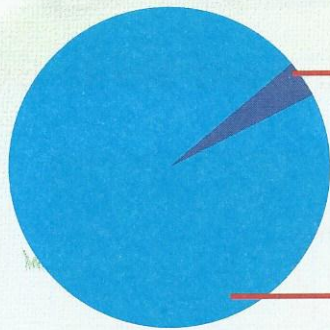


2. Fill in the blanks.

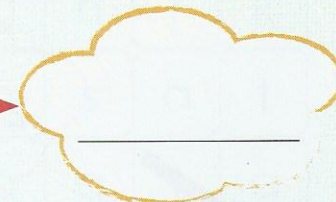
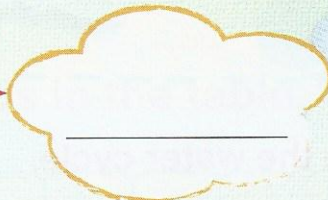
- Human cannot live without _____.
- Plants cannot live without _____.
- Animals cannot live without _____.

3. Look and fill in the blanks with cue words.

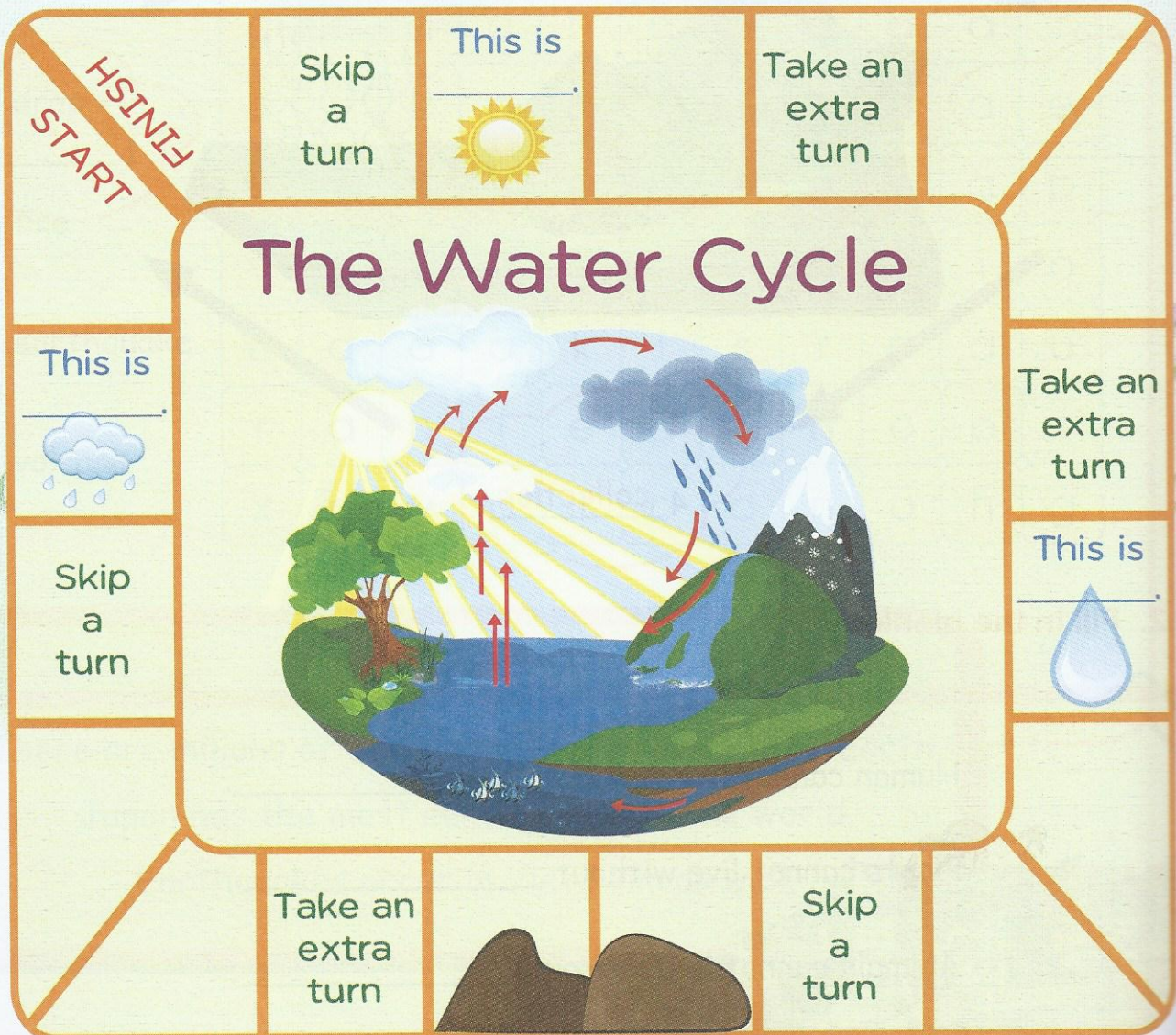
fresh water, sea water



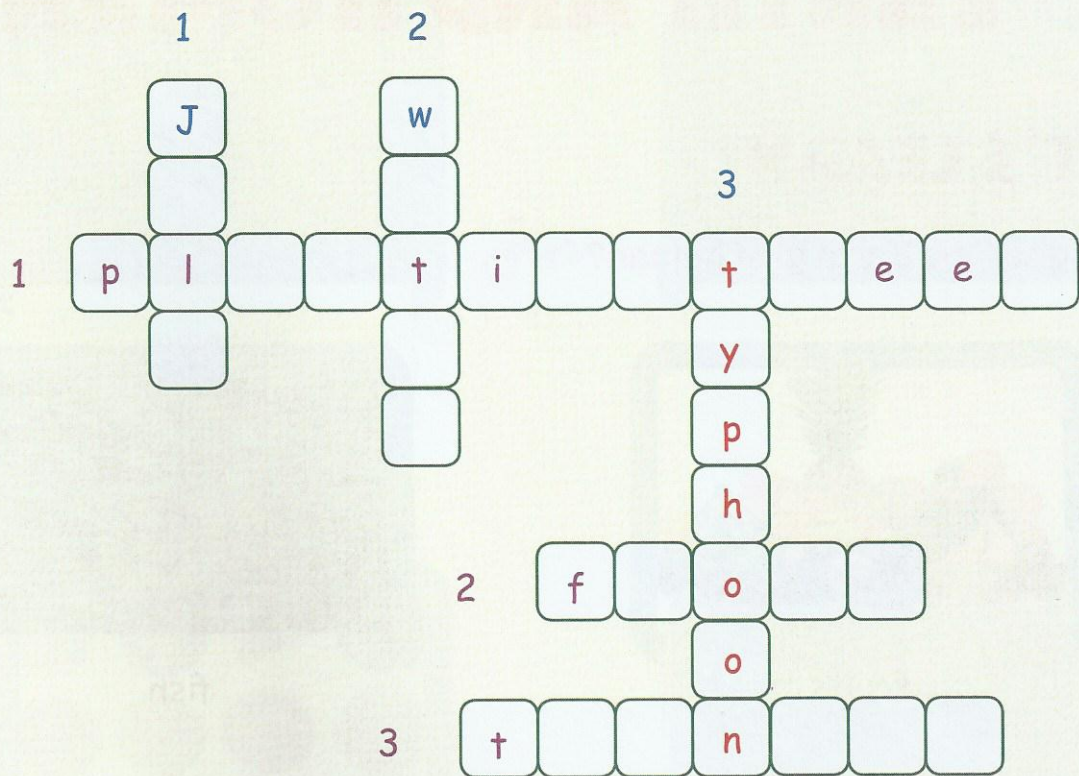
water on earth



4. Let's play. Toss a dice and say the words in boxes.



5. Play puzzles.

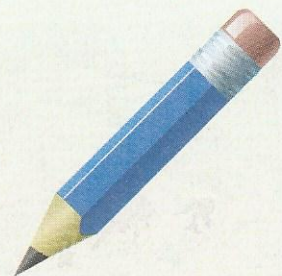


Columns:

1. Rainstorms often start in _____ in Viet Nam.
2. We can only use 2% of this on earth.
3. A rainstorm in the Northwest Pacific Ocean is often called a _____.

Rows:

1. You should do this to save water.
2. We plant trees to prevent this.
3. It happens after a strong earthquake.



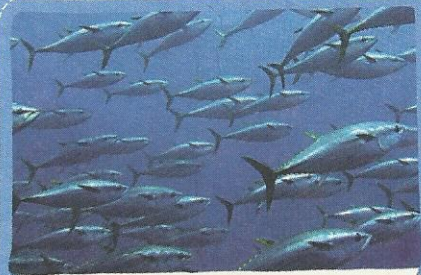
EARTH AND HUMAN

LET'S LEARN

What does the Earth give human?



fruits



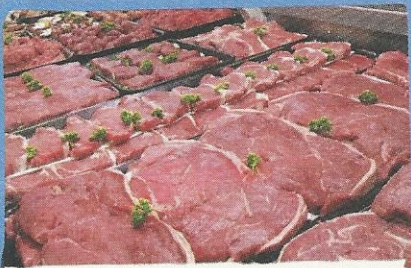
fish



rice



water



meat



vegetables



minerals



oil



spices



woods



medicine



beach

LET'S PRACTICE

What should you do to save the Earth?



Plant more trees.



Recycle



Ride a bike.

LET'S TRY

Name : _____

I love the Earth because
it gives us _____

I can help the Earth by _____



SOLAR SYSTEM

 **LET'S LEARN**

SUN

MERCURY

VENUS

EARTH

MARS

How many planets are there in the Solar System?

JUPITER

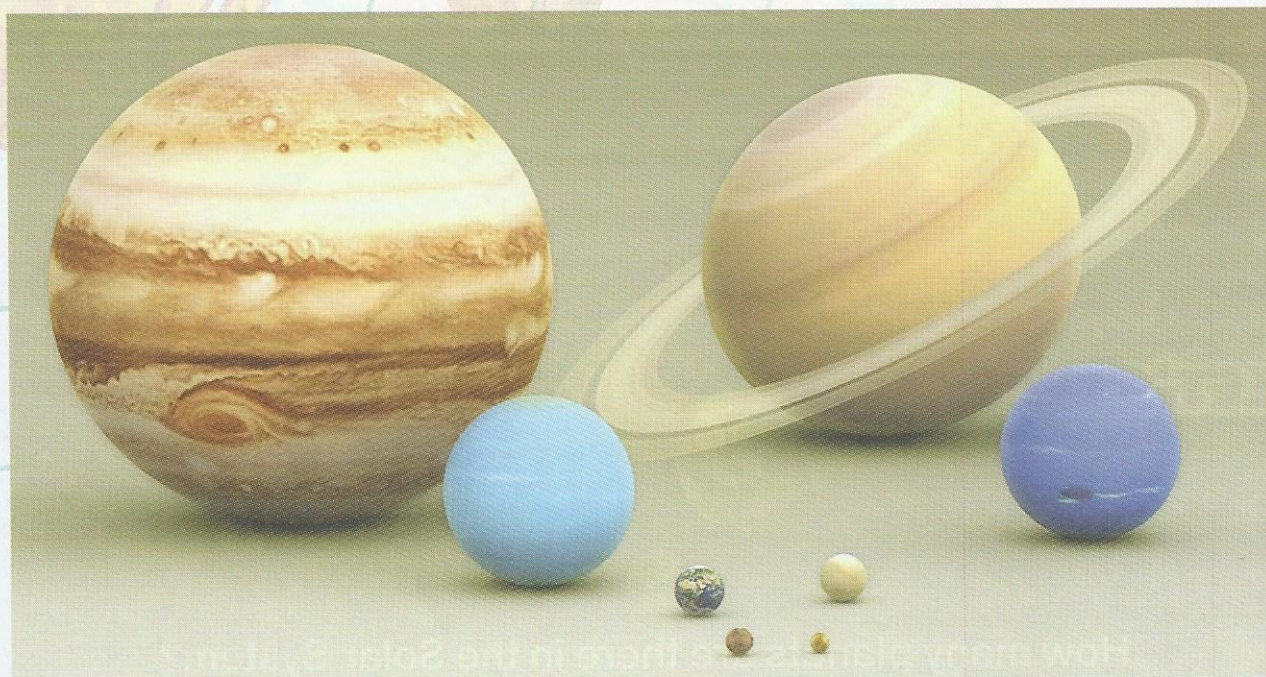
SATURN

URANUS

NEPTUNE

LET'S PRACTICE

What is the largest planet in the Solar System?



Which planet has conditions for life?
How long does the Earth orbit around the Sun?

The Earth takes 365 days to complete its orbit around the Sun. It is the only planet in the Solar System that has life.



It is the only planet that has water on its surface and it has its atmosphere.



LET'S TRY

Toss a dice. Then say the words in boxes.

Name 4 planets in the Solar System.

Out of power, lose your turn.

Back to 2 steps.

What does the Earth orbit?

Which planet has life?

NIGHT AND DAY

LET'S LEARN

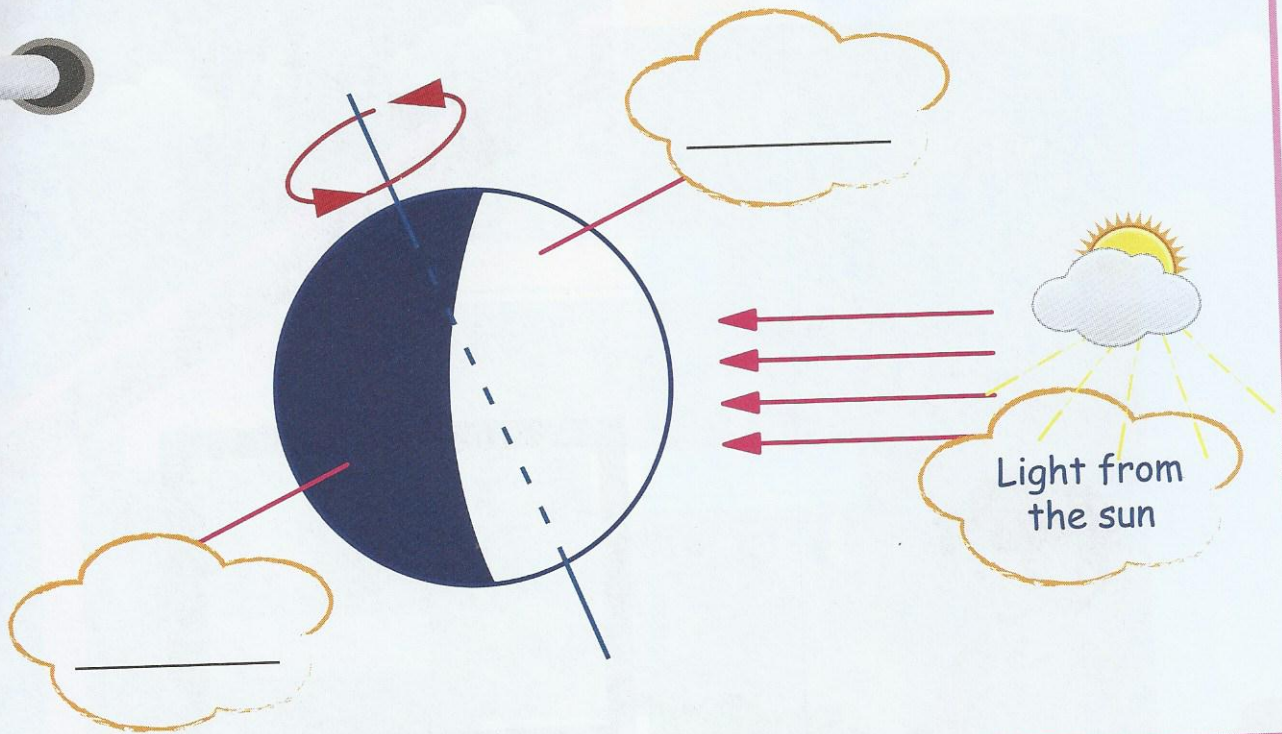
Why do we have day and night on the Earth?



As the Earth revolves on its axis, the side of the Earth that faces the Sun is the daylight; the side that doesn't face the Sun is the night-time.

LET'S PRACTICE

Look, choose and write.



Light (day)



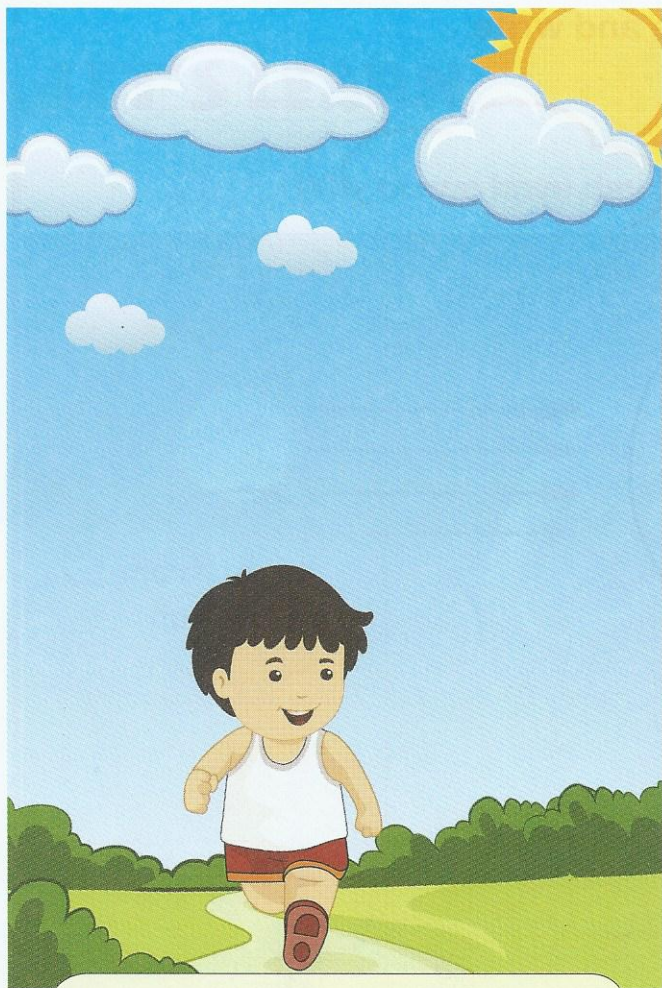
Shadow (night)



Light from the sun

LET'S TRY

Fill in the blanks.



The Sun rises in the _____.

It is _____.



The Sun sets in the _____.

It is _____.

West

day

night

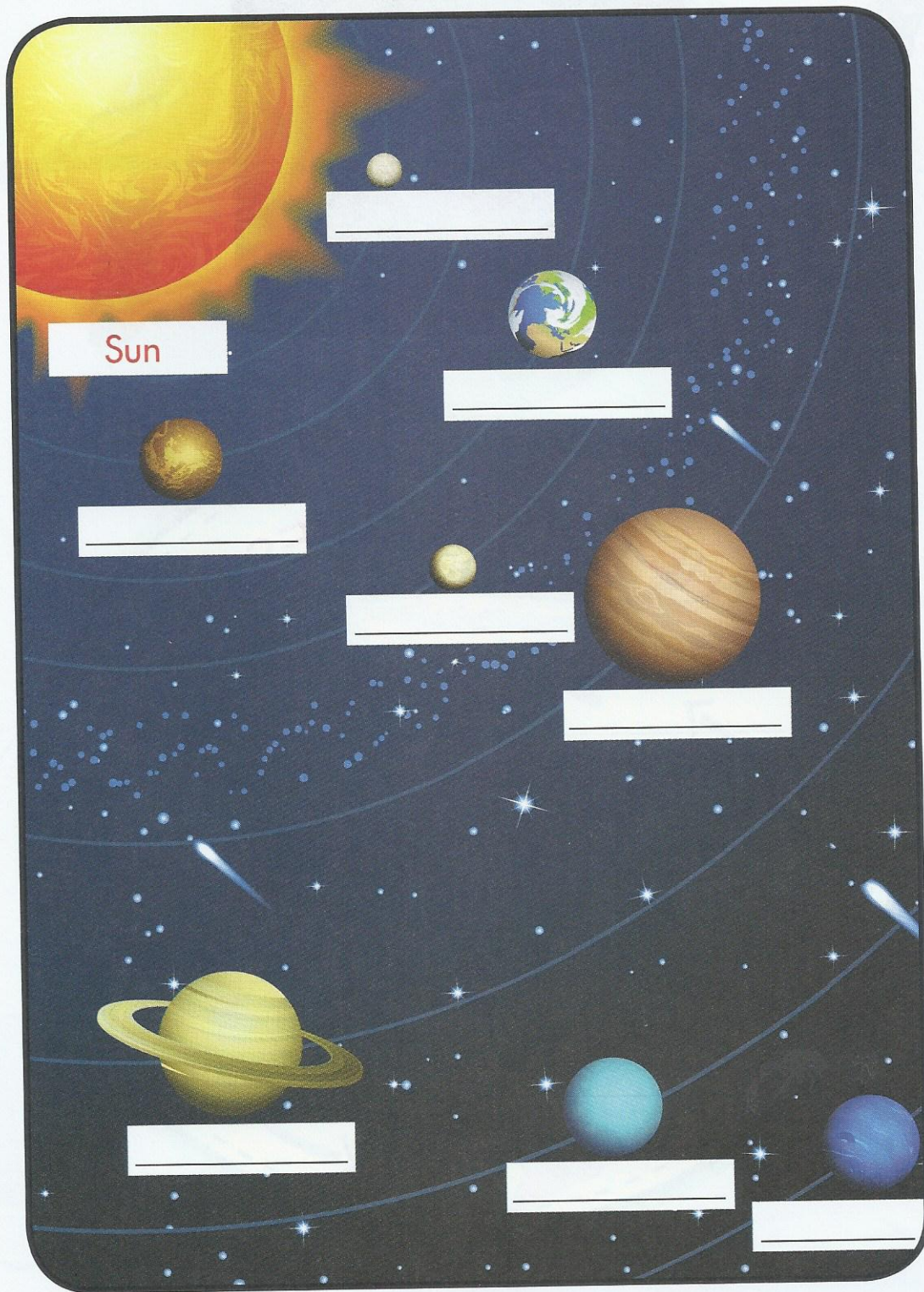
East



REVIEW

4

1. Look and write

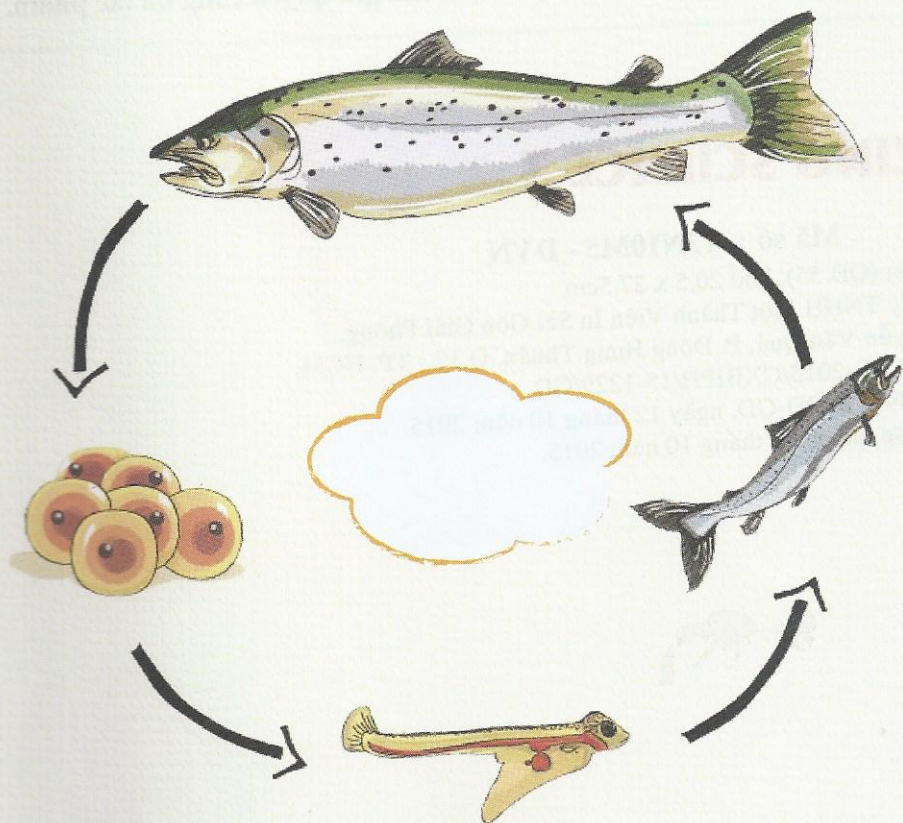
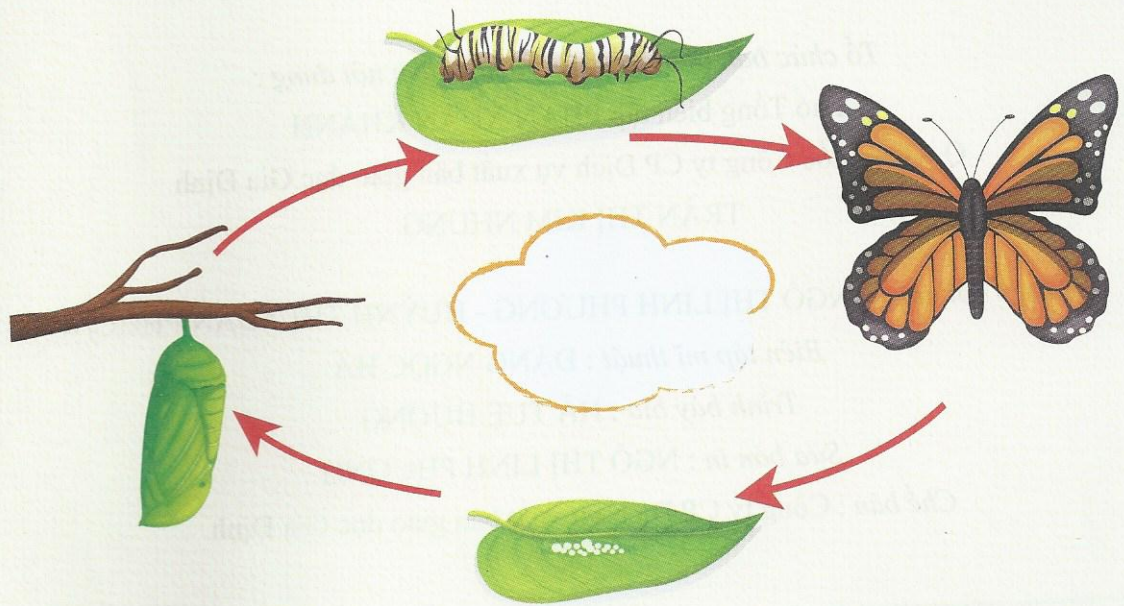


2. What does the Earth give human? Write.



THE EARTH GIVES US

3. Look and write "right" or "wrong".



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