



Reading Task 01

- 1 Bird Brain
- 2 Animal Communication

Vocabulary Preview

A Match each word with its meaning.

- | | |
|---------------------|---|
| 1 thoughts | a. a sweet odor or scent |
| 2 drowning | b. dying by suffocating under water |
| 3 perfume | c. an animal that hunts, kills and eats other animals |
| 4 predator | d. the place where something or someone is |
| 5 position | e. the act of thinking about or considering something, an idea or opinion |
| 6 trauma | f. something that happens to you that affects how you feel |
| 7 experience | g. a wound or shock that produces psychological pain |

B Use the following words or expressions to complete the sentences below. Change the form if needed.

bizarre
magical

buck
gestures

paddle
locate

hemisphere
multi-tasking

- 1 Antarctica is located at the lowest point of Earth's southern _____.
- 2 Through _____, the secretary got many things done at once.
- 3 Little Lisa loved her trip to the amusement park. It was a _____ time.
- 4 The baby girl made _____ that it wanted to be fed.
- 5 GPS can help you _____ an address very quickly.
- 6 Canoeing is so relaxing because you have to _____ everywhere you go.
- 7 The hunter saw a(n) _____ from a distance but was not able to shoot it.
- 8 This is a _____ situation. I have never seen it happen before.

Mark couldn't decide if the duck was sleeping or not. From one side he could see the duck's eye open, while the other was closed. The duck was just floating there so peacefully, Mark couldn't tell either way.

What Mark didn't know is that birds can sleep with one eye open. They have the bizarre ability to let one hemisphere of their brain go to sleep, while the other half of their brain stays awake. Half of the bird body "sleeps." However, the other half paddles in the water to keep from drowning. Talk about multi-tasking! Researchers believe birds "half-



sleep" to survive attacks by predators. Even stranger, there are also reports of people being "bird-brained." These people have usually experienced severe trauma, and sleep with an eye open as a result. Because of their painful experience, a part of their brain is telling them to look out for danger by only "half-sleeping." I bet this would work really well at that one boring class at school!

Time Allowed 1'30" / Reading Time _____

Main Idea

Choose which of the following is the main idea of the passage.

- a Sometimes when an animal appears to be sleeping, it is not always so.
- b Birds and some people are able to "half sleep" to protect themselves.
- c It is possible for ducks to sleep with one eye peacefully open.

- 1 Which of the following is NOT true?
- Mark didn't know if the bird was sleeping or not.
 - One half of a bird body sleeps, while the other half keeps swimming.
 - Some people experience severe trauma and cannot sleep deeply.
 - One of the strange habits of a duck is paddling with only one leg while sleeping.

- 2 Arrange the conversation in the best order.

(A) I think so. Its eyes are closed and it's just floating.
(B) No, wait! Its other eye is open and it's paddling!
(C) Look at that duck! Do you think it's sleeping?
(D) Maybe it's only pretending to be asleep.

- (A)–(B)–(C)–(D)
- (D)–(A)–(C)–(B)
- (C)–(A)–(B)–(D)
- (B)–(D)–(A)–(C)

Level-Up ↑

- 3 Which of the following can be inferred from the passage?
- The cause of human half-sleep can be found in their past experience.
 - Even when a duck is sleeping, it's not easy for predators to catch it.
 - Scientists insist that the brains of ducks are superior to that of other birds.
 - A predator can never catch a sleeping duck with one eye open.

 **Think & Write**

Answer the questions below.

- Why do some people sleep with one eye open?
→ Because they might _____ from their past.
- Why do birds open their one eye while they are sleeping?
→ Because they need to _____ from _____ as well as to avoid drowning.

Animals can express their thoughts and feelings to one another just as people do. How can they do this? They have various ways to deliver messages. They use noises, gestures and even odors. Among these, odors are very interesting tools.

Through smell, Polyphemus moths detect each other's position. Female Polyphemus moths have perfume-like chemicals called pheromones. Female moths give out these chemicals to male moths in order to let male moths know where they are. The pheromones are powerful enough to attract the male moths from far away. Even at nighttime, male moths are able to locate females.

Another good example is deer. Deer use their highly developed sense of smell during mating season. Deer leave kind of unwritten notes to each other at special places called scrapes. Male deer, which are called bucks, make scrapes near places where lots of



deer regularly pass. The bucks paw the ground and clear the leaves and branches away from an area, all the way down to the earth. Then, they urinate in that spot. That is how they leave odors made in their special scent glands. Other deer then visit this place and leave their own scent messages, too. They can exchange messages remaining on these magical bulletin boards.

*pheromone: a chemical substance which an animal releases that influences the behavior of another creature of the same type

Time Allowed 2'00" / Reading Time _____

Main Idea

Choose which of the following is the main idea of the passage.

- a Animals can communicate in a variety of ways, using sight, sound and smell.
- b Polyphemus moths have their own way to find where each other is located.
- c One of the ways for animals to communicate is to send messages by smell.

1

Check **T** For true and **F** For false.

- a. You find scrapes on bare patches of earth by deer paths. **T/F**
- b. Polyphemus moths find each other using scrapes. **T/F**
- c. Deer use special odors in their urine to express themselves. **T/F**
- d. Deer communicate to each other during mating season. **T/F**

2

What is the best response to the question?

A: How do those moths always find each other?

B: _____.

- a. The male moths have really good eyesight.
- b. The female moths give off a metallic sound.
- c. Moths use urine spots as message boards.
- d. The male moths follow the powerful scent left by female moths.

Level-Up ↑

3

Which of the following can be inferred from the passage?

- a. We invented the modern bulletin board by observing deer.
- b. Deer hunters might look for scrapes in the forest.
- c. Female Polyphemus moths are more powerful than the male ones.
- d. Animals get easily confused when trying to communicate with each other.

 **Think & Write**

Answer the questions below.

What is the underlined part “these magical bulletin boards” referring to and why do male deer make them?

→ It is referring to _____. Male deer make them in order to _____ to female deer.

Vocabulary Review

A Choose the correct synonym for the words below.

survive look out for floating attract deliver

- 1 _____ live on, come through, endure
- 2 _____ bring, hand over, transport
- 3 _____ afloat, buoyant
- 4 _____ expect, anticipate, count on
- 5 _____ appeal to, beckon, allure

B Match the word with its antonym.

- | | |
|--------------|-----------------|
| 1 powerful | a. comfortable |
| 2 developed | b. disagreeably |
| 3 magical | c. weak |
| 4 peacefully | d. basic |
| 5 painful | e. ordinary |

C Put the right word in the blanks of each three-sentence group. Change the form if needed.

- 1 The old man had _____ much in his long lifetime.
The traveler enjoyed _____ and learning new things.
The lonely teenage girl longed to _____ love for the first time.
- 2 If you _____ now, you might just catch the last train!
I said goodbye to my English teacher as I was _____.
I'm really sad because my friend has _____ for another country.
- 3 The ship's radar seemed to _____ another ship three kilometers away.
If you _____ the smell of gas when you enter your house, you should leave immediately and call the fire department.
This machine is able to _____ metals even deep underground!



Reading Task 02

- 1 Lake Titicaca
- 2 Symbolism in Chinese Food

Vocabulary Preview

A Match each word with its meaning.

- | | |
|---------------------|---|
| 1 weave | a. a heavy metal object dropped from a boat into the water to prevent the boat from moving away |
| 2 sink | b. to divide into parts |
| 3 anchor | c. to twist objects together, particularly threads |
| 4 reject | d. to represent or identify by a symbol |
| 5 separate | e. to give something out to several people |
| 6 symbolize | f. to refuse to accept, use or believe something or someone |
| 7 distribute | g. to fall below the surface |

B Use the following words or expressions to complete the sentences below. Change the form if needed.

separation anchor rot precious
good fortune distribute artificial threaten

- 1 The dog was not used to _____ from its master, so it barked every day.
- 2 The young actor had the _____ of meeting a famous movie director.
- 3 _____ metals are soft in their purest forms.
- 4 Santa Claus was happy to _____ the Christmas presents among the children.
- 5 You could easily tell that the girl's hair color was _____.
- 6 The food began to _____ because it had been sitting for many days.
- 7 The ship captain forgot to lower the _____, so the boat floated away.
- 8 Changing patterns of agriculture seem to _____ the countryside.