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学生英语主题阅读训练丛书



中国学生阅读
助学文库

Divers of the Deep Sea

深海潜水员

[美] Marianne Morrison 等著



北京大学出版社
PEKING UNIVERSITY PRESS

致读者

《国家地理学生英语主题阅读训练丛书》是我们继《国家地理英语阅读与写作训练丛书》(共14种)之后推出的又一套美国英语阅读教材系列,旨在进一步为我国的中学生及同等英语水平学习者提供既有美国原版教材精髓,又充分体现我国新课标英语教学理念的新型英语学习读本。全套丛书共有2 000余幅活泼自然、优美迷人的精彩图片,佐以简洁生动、深浅有度的文字,引导学生借图读文、借文识图;图文相辅的阅读材料不仅使学生的英语学习变得更轻松有趣,同时,图文并重,也十分契合我国高考中的看图作文命题的新趋势。

《国家地理学生英语主题阅读训练丛书》共18册,涵盖9个主题,72个话题,涉及数学、科学与社会研究三个学科领域。根据我国中学生英语学习和高考写作的要求,我们在为学生提供全英文阅读素材的基础上,继续沿袭《国家地理英语阅读与写作训练丛书》所采用的词汇分级注释原则,将注释的词汇分为“记忆词汇”、“阅读进阶词汇”和“阅读参考词汇”三类。考虑到音标对单词记忆的重要作用,培养学生的朗读与口语能力,我们对所有注释词汇都加注最新版国际音标。此外,我们在每本书中增加了相应的“Reading Objectives”(阅读目标)及“Review Activities”(活动空间),以配合教师的课堂教学,并帮助学生进行英语阅读理解自我检测。

《国家地理学生英语主题阅读训练丛书》提供的英语原味图文阅读,十分有利于中学生扩大知识面,拓展文化视野,而且,也能有效帮助学生实实在在地提高英语能力,达到“知”与“学”的统一。我们衷心希望,本套丛书的出版不仅能使我国的中学生在轻松的阅读中掌握丰富的知识和有效的英语学习方法,同时,也能为提高学生的人文情结、科学视野、社会关怀以及全球性思维等综合素质略尽绵薄之力。

编者



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深海潜水员

[美] Marianne Morrison Andrew Einspruch 著

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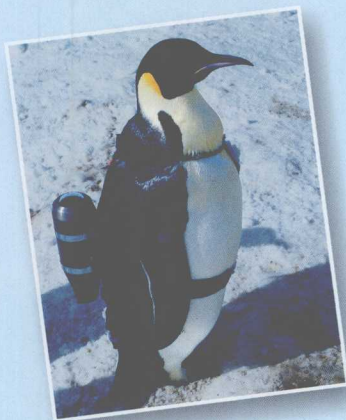
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CRITTERCAM

In this section, you'll learn that Crittercam help scientists to know how the animal lives.

记忆词汇



amount /ə'maʊnt/
n. 数值, 量

bother /'bɒðə/
v. 烦扰, 使迷惑

bottom /'bɒtəm/
n. 底, 底部

certain /'seɪrtən/
adj. 已确定的, 某, 某一

dive /daɪv/ *v.* 潜水, 下潜

frozen /'frəʊzn/
adj. 极冷的 (freeze的过去式)

icy /'aɪsi/ *adj.* 冰封的, 冰冻的

measure /'meʒə/
v. 量, 测量

normal /'nɔ:ml/
adj. 正常的, 平常的

record /rɪ'kɔ:rd/ *v.* 记录

recorder /rɪ'kɔ:rdə/
n. 记录器, 录音机

rub /rʌb/ *v.* 擦, 摩擦

signal /'sɪgnəl/
n. 信号, 暗号

wild /waɪld/ *adj.* 野生的

Crittercam

By Andrew Einspruch

Reading Objectives 阅读目标

Word Attack and Vocabulary Skills

词汇攻略

- Using descriptive words
理解描述性词语
 - Adding *-ing* endings
掌握词尾加 *-ing* 的形式
 - Decoding compound words
解析复合词
-

Content and Thinking Skills

阅读与思考训练

- Understanding how technology helps
people observe animals
理解技术是如何帮助人们观察动物的
- Identifying characteristics and
behaviors of animals
指出各种动物的特征及其行为方式

Crittercam

What is it like to be a **wild** animal? What do they see? You can find out using Crittercam. “Crittercam” is short for “**critter** camera.” A Crittercam is a special video camera that scientists put on, or **attach**, to an animal. The camera films everything the animal does.

阅读进阶词汇

attach /ə'tætʃ/

v. 贴上, 系上, 缚上

阅读参考词汇

critter /'krɪtə/ n. 动物

seal /si:l/ n. 海豹

▼ This **seal** is wearing a Crittercam on its back.



Scientists attach a Crittercam to a wild animal. Then they let the animal go. The camera **records** how the animal lives.

阅读进阶词汇

behave /br'heiv/
v. 举止, 表现

Crittercam can show a whale **diving** deep into the dark ocean. It can show a group of lions hunting. It can also show how penguins live in their **icy** world. When Crittercam is attached to a seal, scientists can learn how seals **behave** underwater.

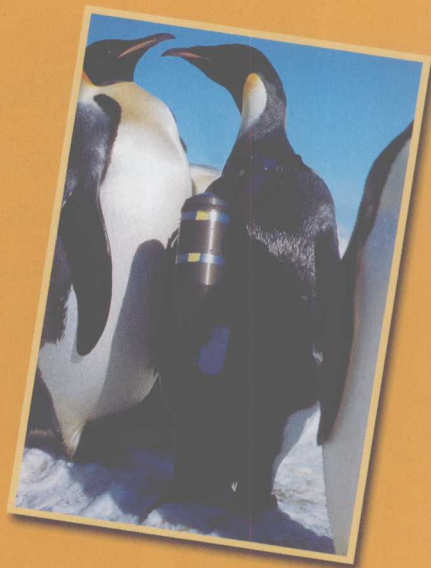
▼ Crittercam shows a seal in the ocean.



Making a Crittercam

Each Crittercam is made especially for the animal that will wear it. The camera must be **sturdy** because it often gets **bumped** while it is attached to the animal. It must also be **waterproof** in case the animal goes in the ocean or **splashes** across a river.

Scientists make sure the camera won't hurt the animal. They want the animal to **ignore** the camera. This is because scientists want to record the animal's **normal** life. If wearing the camera **bothers** the animal, the animal's behavior might change.



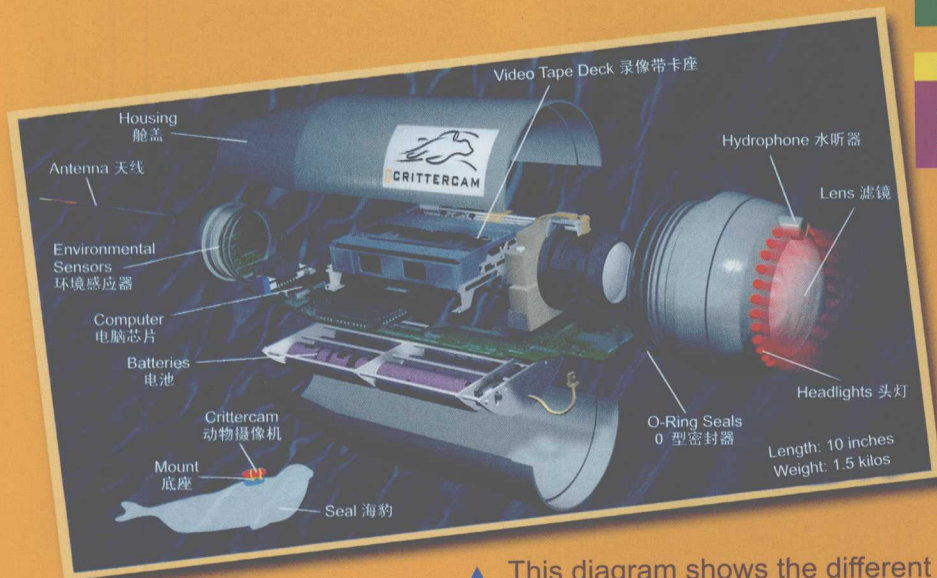
- ▲ This penguin isn't bothered by its Crittercam.

阅读进阶词汇

bump /bʌmp/ v. 碰, 撞
in case 要是, 如果, 万一
waterproof /'wɔ:təpru:f/
 adj. 不透水的, 防水的
ignore /ɪg'nɔ:/
 v. 忽视, 不理睬

阅读参考词汇

splash /splæʃ/ v. 趟水走
sturdy /'stɜ:rdi/ adj. 结实的



- ▲ This diagram shows the different parts of a Crittercam.

Attaching Crittercam

Scientists attach Crittercams in different ways on different animals. They use suction cups to attach Crittercams to whales. Scientists attach Crittercams to penguins using a special **harness** that the bird wears like a backpack.

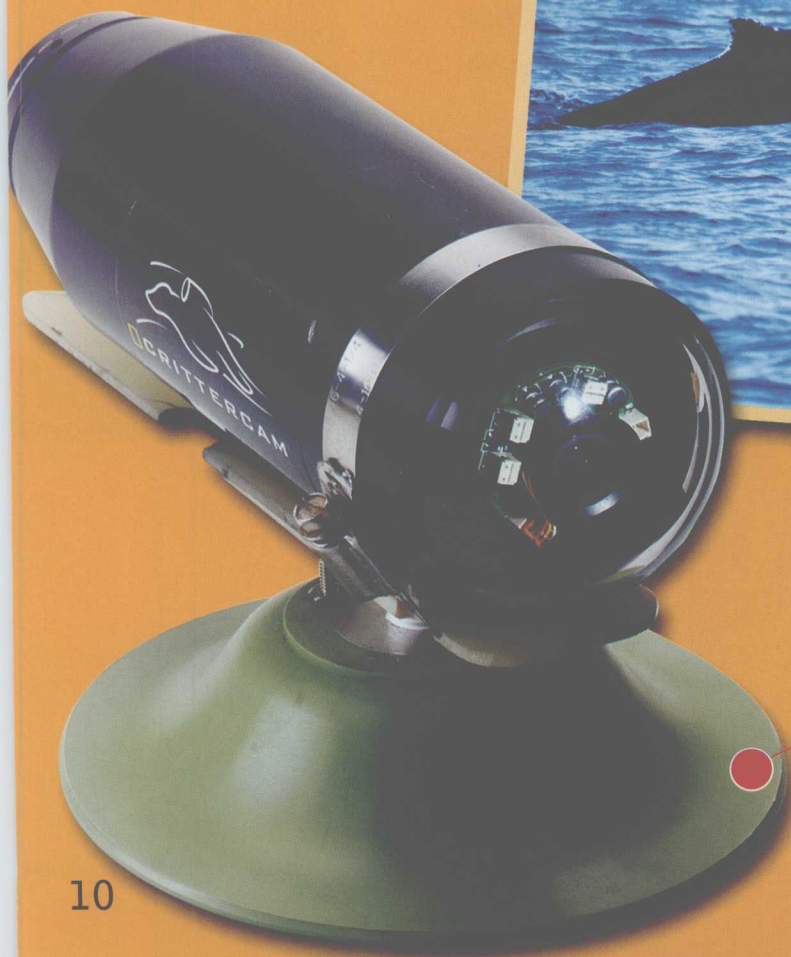
阅读参考词汇

harness /'hɑ:rnɪs/
n. 装备, 挽具

- ▼ Crittercams with suction cups are used on animals that live in the ocean.



- ▲ A whale wears a Crittercam with a suction cup.



Suction cup
吸盘



- ▲ Scientists **recover** a Crittercam that has fallen off an ocean animal.

Removing Crittercam

Crittercams are made to fall off the animal after a **certain amount** of time. The Crittercam sends out a **signal** so scientists can find it after it has fallen off the animal. After the scientists find the Crittercam, they watch what the Crittercam has recorded.

阅读进阶词汇

recover /rɪ'kʌvə/
v. 收回，取回

Penguin Crittercam

Scientists have attached Crittercams to penguins. The cameras show how the penguins live in their **frozen** world. The Crittercams showed the penguins swimming in the freezing **Antarctic** water.

阅读进阶词汇

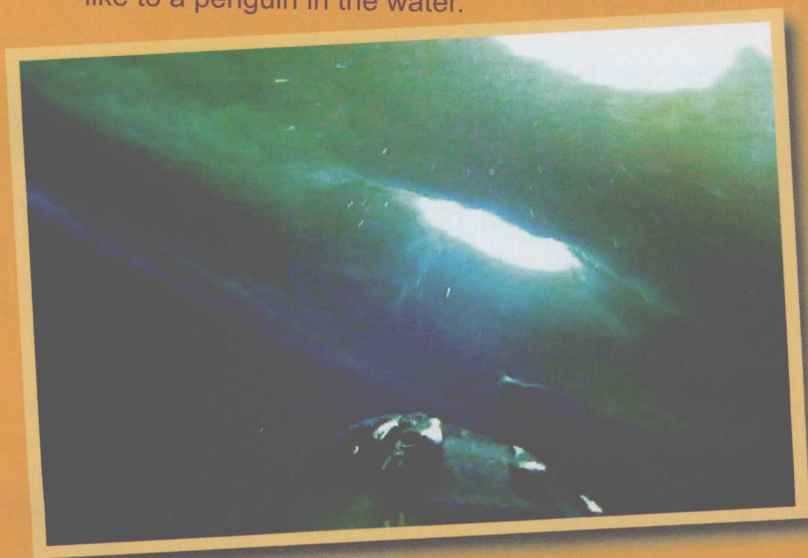
background /'bækgraʊnd/
n. 背景

阅读参考词汇

Antarctic /æn'tɑːrktɪk/
adj. 南极的

Scientists learned that the penguins do not always dive down to catch their fish. Sometimes they dive down so they can look up! The penguins look up at the **bottom** of the white ice. Fish are easy to see against this white **background**.

- ▼ Crittercam shows what the ice looks like to a penguin in the water.





- ◀ A penguin dives into a hole in the ice.



- ▶ A penguin swims up towards the ice to catch a fish.

Whale Crittercam



- ▲ Scientists move closer to a whale so they can attach a Crittercam.

Scientists have attached Crittercams to **sperm whales**. These animals dive deep into the ocean looking for food. They go where it is cold and dark.

Crittercams made for whales have “headlights” so they can be used in the dark. They have sound **recorders**, too. The Crittercams can also **measure** how deep the whales dive.

Scientists have heard sperm whales talk to each other using **clicks**, **squeals**, and **rumbling** sounds. They also learned that the whales bump each other hard enough to **rub** off bits of skin. Some scientists think this could be how the whales clean each other.

阅读进阶词汇

click /klɪk/

n. 啧啧声, 咯哒声

阅读参考词汇

rumbling /'rʌmblɪŋ/

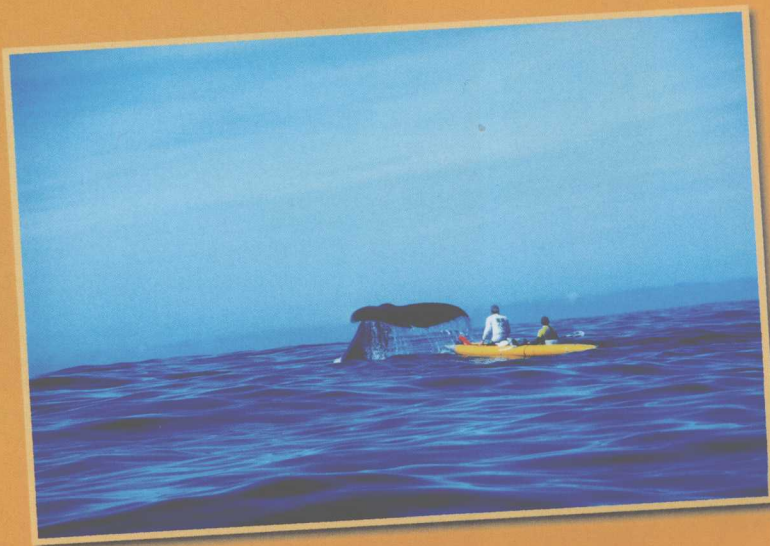
adj. & n. 隆隆声(的)

sperm whale 抹香鲸

squeal /skwi:l/

n. 尖叫(声)

Scientists watch a ► whale swim away after they have attached a Crittercam.



Lion Crittercam

Lions were the first wild land animals to wear Crittercams. They wore the cameras on **collars** around their necks. Using Crittercam, scientists could see a group of lions hunting together.

阅读进阶词汇

collar /'kɑ:lə/

n. 项圈; 衣领

lick /lɪk/ v. 舐, 舐吃

阅读参考词汇

lens /lenz/ n. 镜头

Scientists didn't know how they would keep the **lenses** on Crittercams clean when they were on the lions. The lions solved this problem for the scientists. When they licked each other clean, the lions **licked** the camera lenses clean, too.

▼ A lion wears a Crittercam on a collar.

