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**Level 1** – 20th July, 2020

## Scientists attach a camera to a beetle

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<https://breakingnewsenglish.com/2007/200720-beetle-camera-1.html>

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Please try Levels 0, 2 and 3. They are (a little) harder.

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# THE READING

From <https://breakingnewsenglish.com/2007/200720-beetle-camera-1.html>

Scientists made a tiny camera that can be put on a beetle. It records where bugs go. It gives a bug's-eye view of the world. Researchers can see places never seen before. A researcher said: "Insects can [cross] rocky environments, which is really challenging for robots to do....So this system can also help us out by letting us see...hard-to-navigate spaces." He added: "It is the first time that we've had a first-person view from the back of a beetle."

The scientists say their camera is light enough for bugs to wear. It weighs just 250 grams\*. A researcher said: "We have created a low-power, low-weight, wireless camera system." He said a big challenge was making the battery. It had to be small and light, with enough power to last a few hours. The researchers said no beetles were hurt in their tests. They said all the beetles "lived for at least a year" after the experiments finished.

\* Error: The camera weighs 250 milligrams and not 250 grams.

Sources: <https://bgr.com/2020/07/16/coronavirus-spread-at-home-birthday-party-cluster/>  
<https://www.bbc.com/news/technology-53445772>  
<https://edition.cnn.com/2020/07/15/us/beetle-tiny-cameras-scli-scni-intl/index.html>

# PHRASE MATCHING

From <https://breakingnewsenglish.com/2007/200720-beetle-camera-1.html>

## PARAGRAPH ONE:

- |                               |                      |
|-------------------------------|----------------------|
| 1. a tiny                     | a. view of the world |
| 2. It records where           | b. of a beetle       |
| 3. It gives a bug's-eye       | c. camera            |
| 4. Researchers can see places | d. view              |
| 5. help us out by             | e. first time        |
| 6. It is the                  | f. letting us see    |
| 7. we've had a first-person   | g. bugs go           |
| 8. the back                   | h. never seen before |

## PARAGRAPH TWO:

- |                            |                        |
|----------------------------|------------------------|
| 1. light enough for        | a. and light           |
| 2. wireless                | b. finished            |
| 3. a big challenge was     | c. a few hours         |
| 4. It had to be small      | d. camera              |
| 5. enough power to last    | e. for at least a year |
| 6. no beetles were hurt in | f. bugs to wear        |
| 7. all the beetles lived   | g. making the battery  |
| 8. after the experiments   | h. their tests         |

# LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/2007/200720-beetle-camera-1.html>

Scientists (1) \_\_\_\_\_ camera that can be put on a beetle. It records (2) \_\_\_\_\_. It gives a bug's-eye view of the world. Researchers can see (3) \_\_\_\_\_ before. A researcher said: "Insects can [cross] rocky environments, (4) \_\_\_\_\_ challenging for robots to do....So this system can also help us out (5) \_\_\_\_\_ see...hard-to-navigate spaces." He added: "It is the first time that we've had a first-person view from (6) \_\_\_\_\_ a beetle."

The scientists say their camera (7) \_\_\_\_\_ for bugs to wear. It weighs just 250 grams. A researcher said: "We have (8) \_\_\_\_\_-power, low-weight, wireless camera system." He said (9) \_\_\_\_\_ was making the battery. It had to be (10) \_\_\_\_\_, with enough power to last (11) \_\_\_\_\_. The researchers said no beetles were hurt in their tests. They said all the beetles "lived (12) \_\_\_\_\_ a year" after the experiments finished.

# PUT A SLASH ( / ) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2007/200720-beetle-camera-1.html>

Scientists made a tiny camera that can be put on a beetle. It records where bugs go. It gives a bug's-eye view of the world. Researchers can see places never seen before. A researcher said: "Insects can [cross] rocky environments, which is really challenging for robots to do.... So this system can also help us out by letting us see... hard-to-navigate spaces." Headed: "It is the first time that we've had a first-person view from the back of a beetle." The scientist says their camera is light enough for a bug to wear. It weighs just 250 grams. A researcher said: "We have created a low-power, low-weight, wireless camera system." He said a big challenge was making the battery. It had to be small and light, with enough power to last a few hours. The researcher said no beetles were hurt in their tests. They said all the beetles "lived for at least a year" after the experiments finished.

# BEETLES SURVEY

From <https://breakingnewsenglish.com/2007/200720-beetle-camera-4.html>

Write five GOOD questions about beetles in the table. Do this in pairs. Each student must write the questions on his / her own paper. When you have finished, interview other students. Write down their answers.

	STUDENT 1 _____	STUDENT 2 _____	STUDENT 3 _____
Q.1.			
Q.2.			
Q.3.			
Q.4.			
Q.5.			

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

## WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student A: Do not show these to your speaking partner(s).

a) \_\_\_\_\_

b) \_\_\_\_\_

c) \_\_\_\_\_

d) \_\_\_\_\_

e) \_\_\_\_\_

f) \_\_\_\_\_

*Scientists attach a camera to a beetle – 20th July, 2020*  
More free lessons at [breakingnewsenglish.com](http://breakingnewsenglish.com)

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## WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student B: Do not show these to your speaking partner(s).

a) \_\_\_\_\_

b) \_\_\_\_\_

c) \_\_\_\_\_

d) \_\_\_\_\_

e) \_\_\_\_\_

f) \_\_\_\_\_

