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Level 4 – 4th September 2023

Mystery of radioactivity of Germany's wild boars

FREE online quizzes, mp3 listening and more for this lesson here:

<https://breakingnewsenglish.com/2309/230904-radioactive-wild-boars-4.html>

Contents

The Reading	2
Phrase Matching	3
Listening Gap Fill	4
No Spaces	5
Survey	6
Writing and Speaking	7
Writing	8

Please try Levels 5 and 6. They are (a little) harder.

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THE READING

From <https://breakingnewsenglish.com/2309/230904-radioactive-wild-boars-4.html>

Radioactive wild boars have lived in German forests for decades. Scientists said their radioactivity was from the 1986 Chernobyl nuclear disaster. However, other animals are not as radioactive. They do not have as much radioactive caesium in their bodies. This has puzzled scientists. They dubbed this mystery the "wild boar paradox". They say the wild boars' radioactivity is from nuclear weapons tests from last century.

Scientists believe wild boars are radioactive because of their love of truffles. These absorb caesium particles in the ground. The levels of caesium in boars mean they cannot be eaten. This has led to a reduction in the hunting of the animals and an increase in their numbers. A geochemist said he doesn't know why the effects of nuclear weapons testing on the environment has been "largely forgotten". He said soil pollution will "haunt generations to come".

Sources: <https://www.science.org/content/article/germany-s-radioactive-boars-are-bristly-reminder-nuclear-fallout>
<https://www.sciencealert.com/wild-pigs-in-germany-are-mysteriously-radioactive-and-we-finally-know-why>
<https://au.news.yahoo.com/mystery-radioactive-bavarian-boar-solved-162014981.html>

PHRASE MATCHING

From <https://breakingnewsenglish.com/2309/230904-radioactive-wild-boars-4.html>

PARAGRAPH ONE:

- | | |
|---------------------------------|------------------------|
| 1. lived in German forests | a. in their bodies |
| 2. the 1986 Chernobyl | b. as radioactive |
| 3. other animals are not | c. last century |
| 4. They do not have as | d. for decades |
| 5. radioactive caesium | e. scientists |
| 6. This has puzzled | f. "wild boar paradox" |
| 7. They dubbed this mystery the | g. nuclear disaster |
| 8. nuclear weapons tests from | h. much |

PARAGRAPH TWO:

- | | |
|-----------------------------------|-----------------------|
| 1. because of their love | a. boars |
| 2. These absorb caesium particles | b. of nuclear weapons |
| 3. The levels of caesium in | c. pollution |
| 4. This has led | d. of truffles |
| 5. the effects | e. forgotten |
| 6. largely | f. to come |
| 7. soil | g. to a reduction |
| 8. haunt generations | h. in the ground |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/2309/230904-radioactive-wild-boars-4.html>

Radioactive wild boars have lived in German (1) _____.

Scientists said their (2) _____ the 1986 Chernobyl nuclear disaster. However, other animals are (3) _____.

They do not have as much radioactive caesium (4) _____.

This has puzzled scientists. They dubbed this mystery the "(5) _____". They say the wild boars' radioactivity is from nuclear weapons tests (6) _____.

Scientists believe wild boars are radioactive because of their (7) _____. These absorb caesium particles in the ground. The levels of caesium in boars mean they (8) _____. This has led to (9) _____

the hunting of the animals and an increase in their numbers. A geochemist said he doesn't know why the (10) _____ weapons testing on the environment has (11) _____. He said soil pollution will "haunt (12) _____".

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2309/230904-radioactive-wild-boars-4.html>

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RADIOACTIVITY SURVEY

From <https://breakingnewsenglish.com/2309/230904-radioactive-wild-boars-4.html>

Write five GOOD questions about radioactivity 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) _____

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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) _____

