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Level 4 – 30th March, 2020

Scientists find out why dogs' noses are cold

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<https://breakingnewsenglish.com/2003/200330-dogs-noses-4.html>

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

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THE READING

From <https://breakingnewsenglish.com/2003/200330-dogs-noses-4.html>

Researchers may have answered one of science's mysteries - why a dog's nose is cold. The scientists believe dogs' noses are cold because they act as "ultra-sensitive heat detectors". Dogs sense the temperature of things without touching them. They use their noses to detect temperature, such as when predators or prey are nearby. Humans only know something is hot through touch. It was believed that dogs' noses are cold to control their body temperature.

Researchers did experiments on dogs, which had to detect the temperature of different objects. Brain activity in the dogs showed that they knew which objects were warmer than others. A researcher said: "Dogs are able to sense the thermal radiation coming from warm bodies...and they can change their behaviour according to this." Scientists may now re-evaluate how animals hunt. Many animals may use heat-sensing abilities to hunt.

Sources: <https://www.countryliving.com/uk/wildlife/pets/a31186288/dogs-cold-noses/>
<https://uk.reuters.com/article/uk-hungary-science-dogs/dogs-can-detect-heat-with-infrared-sensor-in-their-nose-research-finds-idUKKBN20Q1RG>
<https://uk.news.yahoo.com/dog-nose-cold-182000634.html>

PHRASE MATCHING

From <https://breakingnewsenglish.com/2003/200330-dogs-noses-4.html>

PARAGRAPH ONE:

- | | |
|--------------------------------|-----------------------|
| 1. answered one of science's | a. detect temperature |
| 2. why a dog's | b. heat detectors |
| 3. they act as ultra-sensitive | c. through touch |
| 4. Dogs sense the temperature | d. temperature |
| 5. use their noses to | e. are nearby |
| 6. when predators or prey | f. of things |
| 7. know something is hot | g. mysteries |
| 8. control their body | h. nose is cold |

PARAGRAPH TWO:

- | | |
|-------------------------------|----------------|
| 1. had to detect the | a. hunt |
| 2. Brain activity | b. objects |
| 3. they knew which | c. to hunt |
| 4. warmer than | d. in the dogs |
| 5. thermal | e. temperature |
| 6. they can change their | f. radiation |
| 7. re-evaluate how animals | g. others |
| 8. use heat-sensing abilities | h. behaviour |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/2003/200330-dogs-noses-4.html>

Researchers may (1) _____ of science's mysteries - why a dog's nose is cold. The (2) _____ noses are cold because they act as "ultra-sensitive heat detectors". Dogs (3) _____ of things without touching them. They use their noses (4) _____, such as when predators or prey are nearby. Humans only know something is (5) _____. It was believed that dogs' noses are cold to (6) _____ temperature.

Researchers did experiments on dogs, which (7) _____ the temperature (8) _____. Brain activity in the dogs showed that they (9) _____ were warmer than others. A researcher said: "Dogs are able to (10) _____ radiation coming from warm bodies...and they can (11) _____ according to this."

Scientists may now re-evaluate how animals hunt. Many animals may use heat-sensing (12) _____.

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2003/200330-dogs-noses-4.html>

Researchers may have answered one of science's mysteries - why a dog's nose is cold. The scientists believed dogs' noses are cold because they act as "ultra-sensitive heat detectors". Dogs sense the temperature of things without touching them. They use their noses to detect temperature, such as when predators or prey are nearby. Humans only know something is hot through touch. It was believed that dogs' noses are cold to control their body temperature. Researchers did experiments on dogs, which had to detect the temperature of different objects. Brain activity in the dogs showed that they knew which objects were warmer than others. A researcher said: "Dogs are able to sense the thermal radiation coming from warm bodies... and they can change their behaviour according to this." Scientists may now re-evaluate how animals hunt. Many animals may use heat-sensing abilities to hunt.

DOGS' NOSES SURVEY

From <https://breakingnewsenglish.com/2003/200330-dogs-noses-4.html>

Write five GOOD questions about dogs' noses 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) _____

