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Level 4 – 27th March 2025

Researchers find way to target sound to individuals

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<https://breakingnewsenglish.com/2503/250327-audio-enclaves-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/2503/250327-audio-enclaves-4.html>

How we listen to music is changing. Today, we have high-tech ear buds that give a top quality sound. In the future, we will be able to listen to music in public without headphones. New technology will aim beams of sound at us, without others hearing. We will have conversations in public without other people listening in. Researchers developed an innovation called "audio enclaves". The sound waves used for this cannot be heard on their way to the receiver.

The lead researcher said: "Someone within an audible enclave can hear something meant only for them, enabling...quiet zones." He spoke about possible uses of the technology. Museums could give headphone-free audio guides to visitors. People could set up an enclave to make sure their conversations are not overheard. We could also receive personalized ads in shopping malls. Audio enclaves could also reduce noise in busy places.

Sources: <https://theconversation.com/researchers-created-sound-that-can-bend-itself-through-space-reaching-only-your-ear-in-a-crowd-252266>
<https://futurism.com/sound-audible-enclaves>
<https://www.musicradar.com/music-tech/gear-gadgets/rip-headphones-new-tech-can-now-beam-music-into-your-ears-without-the-need-for-any-hardware>

PHRASE MATCHING

From <https://breakingnewsenglish.com/2503/250327-audio-enclaves-4.html>

PARAGRAPH ONE:

- | | |
|---------------------------|----------------------------|
| 1. How we listen to music | a. called "audio enclaves" |
| 2. ear buds that give a | b. at us |
| 3. listen to music | c. waves |
| 4. aim beams of sound | d. top quality sound |
| 5. without other people | e. to the receiver |
| 6. an innovation | f. in public |
| 7. sound | g. listening in |
| 8. heard on their way | h. is changing |

PARAGRAPH TWO:

- | | |
|---------------------------------------|-----------------------|
| 1. hear something meant | a. up an enclave |
| 2. enabling quiet | b. ads |
| 3. possible uses | c. only for them |
| 4. give headphone-free audio | d. in busy places |
| 5. People could set | e. of the technology |
| 6. conversations are not | f. zones |
| 7. We could also receive personalized | g. overheard |
| 8. reduce noise | h. guides to visitors |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/2503/250327-audio-enclaves-4.html>

How we listen to music is changing. Today, (1) _____-tech ear buds that give a (2) _____. In the future, we will be able to listen to music (3) _____ headphones. New technology will aim beams of sound at us, (4) _____. We will have conversations in public without other people listening in. Researchers (5) _____ called "audio enclaves". The sound waves used for this cannot be heard (6) _____ to the receiver.

The lead researcher said: "Someone (7) _____ enclave can hear something meant only for them, (8) _____." He spoke about possible uses of the technology. Museums could give headphone-free (9) _____ visitors. People could set up an enclave to make sure their conversations (10) _____. We could also receive (11) _____ shopping malls. Audio enclaves could also reduce (12) _____ places.

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2503/250327-audio-enclaves-4.html>

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AUDIO SURVEY

From <https://breakingnewsenglish.com/2503/250327-audio-enclaves-4.html>

Write five GOOD questions about audio 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) _____

WRITING

From <https://breakingnewsenglish.com/2503/250327-audio-enclaves-4.html>

Write about **audio** for 10 minutes. Read and talk about your partner’s paper.
