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**Level 5 – 25th November 2024**

## Scientists make world's thinnest spaghetti

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<https://breakingnewsenglish.com/2411/241125-spaghetti-5.html>

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**Please try Levels 4 and 6. They are (a little) harder.**

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# THE READING

From <https://breakingnewsenglish.com/2411/241125-spaghetti-5.html>

Researchers from a U.K. university have created the world's thinnest spaghetti. It is about 200 times thinner than a human hair. It's so thin it cannot be captured in a photo, nor be seen with the naked eye, nor be viewed through a microscope. The nano-spaghetti is just 372 nanometres wide. The spaghetti was made using a technique called electro-spinning. This method uses an electric charge to push a flour liquid through microscopic holes. A researcher said: "I don't think it's useful as pasta, sadly, as it would overcook in less than a second."

The new spaghetti will be largely used for medicinal rather than culinary purposes. A researcher said it was edible. He said it was probably "chewier than you'd expect". Individual strands of the nano-pasta can be made into a pasta net. This could be used as a scaffold for regrowing tissue. It could also be used for bandages to help wounds heal. The bandages would allow moisture through, but keep bacteria out. They could also help bone regrowth. The scientists say there are also non-medicinal applications. These include uses in filtration systems and batteries.

Sources: <https://www.newscientist.com/article/2457260-worlds-thinnest-spaghetti-wont-please-gourmands-but-may-heal-wounds/>  
<https://www.engadget.com/science/chemists-have-created-the-worlds-thinnest-spaghetti-201509365.html>  
<https://www.dailymail.co.uk/sciencetech/article-14110297/Scientists-create-worlds-thinnest-SPAGHETTI.html>

# PHRASE MATCHING

From <https://breakingnewsenglish.com/2411/241125-spaghetti-5.html>

## PARAGRAPH ONE:

- |                                 |                         |
|---------------------------------|-------------------------|
| 1. 200 times thinner than       | a. charge               |
| 2. it cannot be captured        | b. as pasta             |
| 3. the naked                    | c. through a microscope |
| 4. viewed                       | d. less than a second   |
| 5. This method uses an electric | e. eye                  |
| 6. microscopic                  | f. in a photo           |
| 7. I don't think it's useful    | g. holes                |
| 8. it would overcook in         | h. a human hair         |

## PARAGRAPH TWO:

- |                                      |                         |
|--------------------------------------|-------------------------|
| 1. A researcher said it was          | a. regrowth             |
| 2. made into a pasta                 | b. heal                 |
| 3. used as a scaffold                | c. systems              |
| 4. bandages to help wounds           | d. net                  |
| 5. The bandages would allow moisture | e. applications         |
| 6. They could also help bone         | f. edible               |
| 7. there are also non-medicinal      | g. through              |
| 8. These include uses in filtration  | h. for regrowing tissue |

# LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/2411/241125-spaghetti-5.html>

Researchers from a U.K. university have created the world's thinnest spaghetti. It is about (1) \_\_\_\_\_ than a human hair. It's so thin it cannot (2) \_\_\_\_\_ a photo, nor be seen with the naked eye, nor be viewed (3) \_\_\_\_\_. The nano-spaghetti is just 372 nanometres wide. The spaghetti was made (4) \_\_\_\_\_ called electro-spinning. This method uses an electric charge to push a (5) \_\_\_\_\_ microscopic holes. A researcher said: "I don't think it's useful as pasta, sadly, as it would (6) \_\_\_\_\_ than a second."

The new spaghetti will be largely used (7) \_\_\_\_\_ than culinary purposes. A researcher said it was edible. He said it was (8) \_\_\_\_\_ you'd expect". Individual strands of the nano-pasta can be made into a pasta net. This could be used as (9) \_\_\_\_\_ regrowing tissue. It could also be used for bandages to (10) \_\_\_\_\_. The bandages would allow moisture through, but keep bacteria out. They could also (11) \_\_\_\_\_. The scientists say there are also non-medicinal applications. These include (12) \_\_\_\_\_ systems and batteries.

# PUT A SLASH ( / ) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2411/241125-spaghetti-5.html>

Researchers from a U.K. university have created the world's thinnest spaghetti. It is about 200 times thinner than a human hair. It's so thin it cannot be captured in a photo, nor be seen with the naked eye, nor be viewed through a microscope. The nano-spaghetti is just 372 nanometres wide. The spaghetti was made using a technique called electro-spinning. This method uses an electric charge to push a flour liquid through microscopic holes. A researcher said: "I don't think it's useful as pasta, sadly, as it would overcook in less than a second." The new spaghetti will be largely used for medicinal rather than culinary purposes. A researcher said it was edible. He said it was probably "chewier than you'd expect". Individual strands of the nano-pasta can be made into a pasta net. This could be used as a scaffold for regrowing tissue. It could also be used for bandages to help wounds heal. The bandages would allow moisture through, but keep bacteria out. They could also help bone regrowth. The scientists say there are also non-medicinal applications. These include uses in filtration systems and batteries.

# SPAGHETTI SURVEY

From <https://breakingnewsenglish.com/2411/241125-spaghetti-4.html>

Write five GOOD questions about spaghetti 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 make world's thinnest spaghetti – 25th November 2024*  
More free lessons at [breakingnewsenglish.com](https://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) \_\_\_\_\_

# WRITING

From <https://breakingnewsenglish.com/2411/241125-spaghetti-5.html>

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

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