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## Level 1

### Nobel chemistry prize for molecule photos

7th October, 2017

<https://breakingnewsenglish.com/1710/171007-chemistry-1.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 0, 2 and 3. They are (a little) harder.

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# THE READING

From <https://breakingnewsenglish.com/1710/171007-chemistry-1.html>

The Nobel Prize in chemistry went to three scientists. They will share the \$1,090,000 prize. They found a special way of photographing molecules. Molecules are the smallest building blocks in our body and in everything around us. The scientists made a technique called cryo-EM. It can zoom in to amazing new levels. Scientists can now see things in our bodies never seen before. They can see how molecules move.

The Nobel committee said cryo-EM will change science forever and move science into a new era. It added: "Soon, there will be no more secrets. Now we can see the...details of [molecules] in every corner of our cells and every drop of our body fluids. We can understand how...they act and how they work together....We are facing a revolution." A professor said there were many uses for cryo-EM. Scientists can look at viruses and find cures for many diseases.

Sources: <http://www.bbc.com/news/science-environment-41495621>  
<http://www.sciencemag.org/news/2017/10/cold-clear-view-life-wins-chemistry-nobel>  
<https://www.newyorker.com/tech/elements/seeing-the-invisible-world-with-the-2017-nobel-prize-in-chemistry>

# PHRASE MATCHING

From <https://breakingnewsenglish.com/1710/171007-chemistry-1.html>

## PARAGRAPH ONE:

- |                                    |                       |
|------------------------------------|-----------------------|
| 1. They will share the \$1,090,000 | a. called cryo-EM     |
| 2. the smallest building blocks    | b. in our bodies      |
| 3. in everything around            | c. prize              |
| 4. scientists made a technique     | d. molecules move     |
| 5. It can zoom in to               | e. us                 |
| 6. Scientists can now see things   | f. before             |
| 7. never seen                      | g. in our body        |
| 8. They can see how                | h. amazing new levels |

## PARAGRAPH TWO:

- |                                |                       |
|--------------------------------|-----------------------|
| 1. cryo-EM will change science | a. they act           |
| 2. there will                  | b. at viruses         |
| 3. every drop of our body      | c. forever            |
| 4. We can understand how       | d. diseases           |
| 5. We are facing a             | e. fluids             |
| 6. there were many uses        | f. be no more secrets |
| 7. Scientists can look         | g. revolution         |
| 8. find cures for many         | h. for cryo-EM        |

# LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/1710/171007-chemistry-1.html>

The Nobel Prize in chemistry (1) \_\_\_\_\_ scientists. They will share the \$1,090,000 prize. They found (2) \_\_\_\_\_ of photographing molecules. Molecules are the smallest building (3) \_\_\_\_\_ body and in everything around us. The scientists (4) \_\_\_\_\_ called cryo-EM. It can (5) \_\_\_\_\_ amazing new levels. Scientists can now see things in our bodies never seen before. They (6) \_\_\_\_\_ molecules move.

The Nobel committee said cryo-EM (7) \_\_\_\_\_ forever and move science into (8) \_\_\_\_\_. It added: "Soon, there will be (9) \_\_\_\_\_. Now we can see the...details of [molecules] in every corner of our cells and every drop of (10) \_\_\_\_\_. We can understand how...they act and how they work together....We are facing a revolution." A professor said there (11) \_\_\_\_\_ for cryo-EM. Scientists can look at viruses and (12) \_\_\_\_\_ many diseases.

# PUT A SLASH ( / ) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/1710/171007-chemistry-1.html>

The Nobel Prize in chemistry went to three scientists. They will share the \$1,090,000 prize. They found a special way of photographing molecules. Molecules are the smallest building blocks in our body and in everything around us. The scientists made a technique called cryo-EM. It can zoom in to amazing new levels. Scientists can now see things in our bodies never seen before. They can see how molecules move. The Nobel committee said cryo-EM will change science forever and move science into a new era. It added: "Soon, there will be no more secrets. Now we can see the... details of [molecules] in every corner of our cells and every drop of our body fluids. We can understand how... they act and how they work together.... We are facing a revolution." A professor said there were many uses for cryo-EM. Scientists can look at viruses and find cures for many diseases.

# CHEMISTRY SURVEY

From <https://breakingnewsenglish.com/1710/171007-chemistry-4.html>

Write five GOOD questions about chemistry 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) \_\_\_\_\_

*Nobel chemistry prize for molecule photos – 7th October, 2017*  
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) \_\_\_\_\_

