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Level 5

3D-printer homes to reduce homelessness

15th March, 2018

<https://breakingnewsenglish.com/1803/180315-3d-printer-home-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/1803/180315-3d-printer-home-5.html>

A roof over your head is a basic human need, but 1.2 billion people in the world have no proper housing. A revolutionary, low-cost use of 3D printers may change this. With 3D printing, materials are joined together by using a computer-controlled device to create three-dimensional objects. Two companies have joined to try and ease homelessness by building affordable homes using 3D printing. Tech company ICON has developed a method for printing a one-floor house out of cement in a day for just \$10,000. This is a fraction of the time and cost needed to build other houses.

ICON teamed up with the non-profit housing group New Story. They will start building homes in developing countries. They will build 100 new homes in El Salvador next year. New Story's co-founder acknowledged that the 100 homes were just a drop in the ocean. She said: "There are over 100 million people living in slum conditions, in what we call survival mode." She said 3D-printed houses could become common in richer countries in years to come. For the moment, she said: "The tech is ready now to print very high-quality, safe homes in the places we're building."

Sources: <https://www.theverge.com/2018/3/12/17101856/3d-printed-housing-icon-shelter-housing-crisis>
<https://www.wired.com/story/new-story-3-d-printed-house/>
<https://qz.com/1227301/sxsw-2018-affordable-3d-printed-houses-from-icon-and-charity-new-story-debuted-in-austin/>

PHRASE MATCHING

From <https://breakingnewsenglish.com/1803/180315-3d-printer-home-5.html>

PARAGRAPH ONE:

- | | |
|-------------------------------------|------------------------|
| 1. A roof over your head is a basic | a. device |
| 2. using a computer-controlled | b. a method |
| 3. create three- | c. homelessness |
| 4. try and ease | d. and cost needed |
| 5. building affordable | e. human need |
| 6. Tech company ICON has developed | f. out of cement |
| 7. printing a one-floor house | g. dimensional objects |
| 8. This is a fraction of the time | h. homes |

PARAGRAPH TWO:

- | | |
|-----------------------------------|-------------------------|
| 1. start building homes in | a. in the ocean |
| 2. New Story's co- | b. now to print |
| 3. 100 homes were just a drop | c. conditions |
| 4. living in slum | d. founder |
| 5. survival | e. become common |
| 6. 3D-printed houses could | f. mode |
| 7. The tech is ready | g. building |
| 8. safe homes in the places we're | h. developing countries |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/1803/180315-3d-printer-home-5.html>

A roof over your head is a (1) _____, but 1.2 billion people in the world have (2) _____. A revolutionary, low-cost use of 3D printers may change this. With 3D printing, (3) _____ together by using a computer-controlled (4) _____ three-dimensional objects. Two companies have joined to try and ease homelessness by building affordable homes using 3D printing. Tech company ICON has developed a (5) _____ a one-floor house out of cement in a day for just \$10,000. This is (6) _____ the time and cost needed to build other houses.

ICON teamed up with the (7) _____ group New Story. They will start building homes in developing countries. They will build 100 new homes in El Salvador next year. New Story's (8) _____ that the 100 homes were just a drop (9) _____. She said: "There are over 100 million people living in slum conditions, in what we (10) _____." She said 3D-printed houses could become common in richer countries in (11) _____. For the moment, she said: "The tech is ready now to print very (12) _____ homes in the places we're building."

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/1803/180315-3d-printer-home-5.html>

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HOMELESSNESS SURVEY

From <https://breakingnewsenglish.com/1803/180315-3d-printer-home-4.html>

Write five GOOD questions about homelessness 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) _____

