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Level 4

3D-printer homes to reduce homelessness

15th March, 2018

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

A roof over your head is a basic human need, but 1.2 billion people don't have one. A new, low-cost use of 3D printers may change this. 3D printers join materials together via a computerized device that creates three-dimensional objects. Two companies will start building affordable homes using 3D printing. Tech company ICON can make a one-floor house out of cement in a day for just \$10,000. This is a fraction of the time and cost to build a house.

ICON and the non-profit group New Story will build homes in developing countries. They will build 100 in El Salvador next year. New Story's co-founder said this was 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 added: "The tech is ready now to print very high-quality, safe homes in the places we're building." She also said 3D-printed houses could be built in richer countries.

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-homes-4.html>

PARAGRAPH ONE:

- | | |
|-------------------------------------|------------------------|
| 1. A roof over your head is a basic | a. and cost |
| 2. join materials | b. dimensional objects |
| 3. via a computerized | c. together |
| 4. that creates three- | d. house |
| 5. start building affordable | e. human need |
| 6. make a one-floor house | f. homes |
| 7. a fraction of the time | g. device |
| 8. build a | h. out of cement |

PARAGRAPH TWO:

- | | |
|--------------------------------------|------------------------|
| 1. build homes in developing | a. safe homes |
| 2. New Story's co- | b. countries |
| 3. just a drop in | c. mode |
| 4. 100 million people living in slum | d. in richer countries |
| 5. survival | e. founder |
| 6. The tech is ready now to | f. conditions |
| 7. very high-quality, | g. the ocean |
| 8. 3D-printed houses could be built | h. print |

LISTEN AND FILL IN THE GAPS

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

A (1) _____ head is a basic human need, but 1.2 billion people don't have one. A new, (2) _____ of 3D printers may change this. 3D printers join materials (3) _____ computerized device (4) _____-dimensional objects. Two companies will start building affordable homes using 3D printing. Tech company ICON can make a (5) _____ out of cement in a day for just \$10,000. This is a fraction of the (6) _____ to build a house.

ICON and the (7) _____ New Story will build homes in developing countries. They will build 100 in El Salvador next year. New Story's co-founder said this was (8) _____ in the ocean. She said: "There are over 100 million people (9) _____ conditions, in what we (10) _____." She added: "The tech is ready now to (11) _____-quality, safe homes in the places we're building." She also said 3D-printed houses (12) _____ in richer countries.

PUT A SLASH (/) WHERE THE SPACES ARE

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

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HOMELESSNESS SURVEY

From <https://breakingnewsenglish.com/1803/180315-3d-printer-homes-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) _____

WRITING

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

Write about **homelessness** for 10 minutes. Read and talk about your partner's paper.
