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### Level 4

# Robots to help us make our own furniture

2nd April, 2018

https://breakingnewsenglish.com/1804/180402-furniture-4.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 5 and 6. They are (a little) harder.

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## THE READING

From <a href="https://breakingnewsenglish.com/1804/180402-furniture-4.html">https://breakingnewsenglish.com/1804/180402-furniture-4.html</a>

Robots are taking over. The latest job technology is replacing is carpentry. For thousands of years, skilled carpenters have created furniture. The next generation of master carpenters may be robots. Researchers at MIT have created a robot that can custom-make furniture. The robots will not replace humans, but will improve safety. The goal is to let robots do the more dangerous task of sawing so carpenters can focus on design.

The MIT team used today's technology to create the "AutoSaw". It differs from robots that make the mass-produced, flat-pack furniture we buy from stores. People will design their own furniture and AutoSaw will cut up the wood. It will also reduce the risk of us losing a finger. Researchers aim to "democratize furniture-customization". They want people to make what fits their needs, rather than what IKEA has. This will mean better furniture.

Sources: http://www.bbc.com/news/technology-43251669

https://www. theverge.com/2018/2/28/17058532/robot-carpentry-automated-mit-assisted-mit-ass

furniture

https://www.cnet.com/news/mit-autosaw-roomba-robot-system-handles-carpentry-csail/

## PHRASE MATCHING

From https://breakingnewsenglish.com/1804/180402-furniture-4.html

#### **PARAGRAPH ONE:**

- 1. Robots are taking
- 2. skilled carpenters have
- 3. The next
- 4. master
- 5. a robot that can custom-
- 6. improve
- 7. the more dangerous task
- 8. carpenters can focus

- a. of sawing
- b. over
- c. make furniture
- d. on design
- e. generation
- f. carpenters
- g. created furniture
- h. safety

#### **PARAGRAPH TWO:**

- 1. mass-
- 2. flat-
- 3. People will design their
- 4. reduce
- 5. losing a
- 6. democratize furniture-
- 7. make what
- 8. This will mean

- a. customization
- b. the risk
- c. produced
- d. better furniture
- e. pack furniture
- f. fits their needs
- g. own furniture
- h. finger

# **LISTEN AND FILL IN THE GAPS**

From <a href="https://breakingnewsenglish.com/1804/180402-furniture-4.html">https://breakingnewsenglish.com/1804/180402-furniture-4.html</a>

Robots (1)	·	The lat	est jo	ob te	chnology	is replaci	ng is
carpentry. For thousands	of year	rs, (2)				cre	ated
furniture. The (3)		n	naste	r car	penters r	may be ro	bots.
Researchers at MIT	have	crea	ted	a	robot	that	can
(4)	. The	robots	will	not	replace	humans,	but
(5)	The goa	al is to l	et ro	bots	do the m	ore dange	rous
task of sawing so carpenters	s can (6)						
The MIT (7)		techno	ology	to cr	eate the	"AutoSaw	ι". It
differs from robots that make the mass-produced, (8)							
we buy from stores. Peopl	e will (9	9)				furniture	and
AutoSaw will cut up the woo	od. It wi	ill also (	(10) _				of us
losing a finger. Researchers	s aim to	o "dem	ocrati	ize fu	ırniture-d	customizat	ion".
They want people to (11) _				th	neir need	ls, rather	than
what IKEA has. This will (12)							

## PUT A SLASH ( / )WHERE THE SPACES ARE

From https://breakingnewsenglish.com/1804/180402-furniture-4.html

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## **FURNITURE SURVEY**

From <a href="https://breakingnewsenglish.com/1804/180402-furniture-4.html">https://breakingnewsenglish.com/1804/180402-furniture-4.html</a>

Write five GOOD questions about furniture 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).

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# **WRITING**

From <a href="https://breakingnewsenglish.com/1804/180402-furniture-4.html">https://breakingnewsenglish.com/1804/180402-furniture-4.html</a>

Write about <b>furniture</b> for 10 minutes.	Read and talk	k about your p	oartner's paper.