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Level 4

Scientists make see-through wood

19th May, 2016

<http://www.breakingnewsenglish.com/1605/160519-transparent-wood-4.html>

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Please try Levels 5 and 6. They are (a little) harder.

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THE READING

From <http://www.breakingnewsenglish.com/1605/160519-transparent-wood-4.html>

Scientists have found a creative new use for wood. They have made it transparent. This could change how we use and make many things. See-through wood could replace glass in windows, iPhone screens and many other areas of building. Researchers experimented with different ways to remove the colour from wood. They were surprised at how transparent it became. One researcher said the discovery could, "potentially replace glass".

The researchers boiled small blocks of wood in water and chemicals for two hours. The wood lost its colour during this process and it became transparent. The see-through wood is stronger than glass. It is better at protecting against the cold. It is also biodegradable. Research is still in its early stages. Researchers have only used small blocks of wood so far. They will now start testing on bigger pieces of wood.

Sources: <http://www.techtimes.com/articles/158759/20160516/scientists-create-transparent-wood-stronger-more-insulating-glass.htm>
<http://www.engadget.com/2016/05/16/see-through-wood/>
<http://www.nytimes.com/2016/05/12/science/see-through-wood.html>

PHRASE MATCHING

From <http://www.breakingnewsenglish.com/1605/160519-transparent-wood-4.html>

PARAGRAPH ONE:

- | | |
|---------------------------------|------------------------|
| 1. a creative new | a. with different ways |
| 2. They have made it | b. it became |
| 3. see- | c. transparent |
| 4. many other areas | d. through wood |
| 5. experimented | e. use for wood |
| 6. remove the colour | f. glass |
| 7. surprised at how transparent | g. of building |
| 8. potentially replace | h. from wood |

PARAGRAPH TWO:

- | | |
|------------------------------------|-------------------------|
| 1. small blocks | a. against the cold |
| 2. The wood lost its colour during | b. stages |
| 3. stronger | c. testing |
| 4. It is better at protecting | d. than glass |
| 5. It is also | e. small blocks of wood |
| 6. Research is still in its early | f. of wood |
| 7. Researchers have only used | g. this process |
| 8. They will now start | h. biodegradable |

LISTEN AND FILL IN THE GAPS

From <http://www.breakingnewsenglish.com/1605/160519-transparent-wood-4.html>

Scientists have (1) _____ new use for wood. They have (2) _____. This could change how we use and make many things. See-through wood (3) _____ in windows, iPhone screens and many other (4) _____. Researchers experimented with different (5) _____ the colour from wood. They were surprised at how transparent it became. One researcher said the discovery (6) _____ glass".

The researchers boiled (7) _____ wood in water and chemicals for two hours. The wood lost its colour (8) _____ and it (9) _____. The see-through wood is stronger than glass. It is better (10) _____ the cold. It is also biodegradable. Research is still in (11) _____. Researchers have only used small blocks (12) _____. They will now start testing on bigger pieces of wood.

PUT A SLASH (/) WHERE THE SPACES ARE

From <http://www.breakingnewsenglish.com/1605/160519-transparent-wood-4.html>

Scientists have found a creative new use for wood. They have made it transparent. This could change how we use and make many things. See-through wood could replace glass in windows, iPhone screens and many other areas of building. Researchers experimented with different ways to remove the colour from wood. They were surprised at how transparent it became. One researcher said the discovery could, "potentially replace glasses". The researchers boiled small blocks of wood in water and chemicals for two hours. The wood lost its colour during this process and it became transparent. This see-through wood is stronger than glass. It is better at protecting against the cold. It is also biodegradable. Research is still in its early stages. Researchers have only used small blocks of wood so far. They will now start testing on bigger pieces of wood.

WOOD SURVEY

From <http://www.breakingnewsenglish.com/1605/160519-transparent-wood-4.html>

Write five GOOD questions about wood 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 <http://www.breakingnewsenglish.com/1605/160519-transparent-wood-4.html>

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