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Level 5 – 17th July, 2021

Amazon "flips" to be source of CO2 emissions

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<https://breakingnewsenglish.com/2107/210717-amazon-rainforest-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/2107/210717-amazon-rainforest-5.html>

Environmental scientists have shocking news that parts of the Amazon are emitting more carbon dioxide than they are absorbing. The rainforest is now producing over a billion tons of CO₂ a year. The Amazon used to be a carbon "sink" where CO₂ was sucked up and converted into oxygen. It has now become a source of carbon dioxide. The biggest reasons for this flipping from sink to source are logging, deforestation and forest fires. The Amazon is losing its nickname of being the lungs of the world. Researchers predict the rainforest will create CO₂ at an accelerating rate in the future.

The research on CO₂ emissions is published in the journal "Nature". Researchers analysed 600 profiles of CO₂ emissions produced by fires at sites in Brazil's Amazon between 2010 and 2018. They found the fires produced about 1.5 billion tons of CO₂ a year, while forest growth removed just 0.5 billion tons. The difference of one billion tons is equivalent to the annual emissions of Japan - the world's fifth-largest polluter. Researcher Professor Simon Lewis said: "The south-east Amazon sink-to-source story is yet another stark warning that climate impacts are accelerating."

Sources: <https://www.theguardian.com/environment/2021/jul/14/amazon-rainforest-now-emitting-more-co2-than-it-absorbs>
<https://www.usatoday.com/story/news/world/2021/07/14/amazon-rainforest-areas-put-out-more-carbon-dioxide-than-they-absorb/7971749002/>
<https://www.commondreams.org/news/2021/07/14/biggest-story-world-right-now-humanity-has-flipped-amazon-carbon-sink-source>

PHRASE MATCHING

From <https://breakingnewsenglish.com/2107/210717-amazon-rainforest-5.html>

PARAGRAPH ONE:

- | | |
|--------------------------------------|------------------------|
| 1. shocking | a. over a billion tons |
| 2. emitting more carbon dioxide than | b. sucked up |
| 3. producing | c. this flipping |
| 4. CO2 was | d. rate |
| 5. converted | e. news |
| 6. The biggest reasons for | f. of the world |
| 7. the lungs | g. into oxygen |
| 8. at an accelerating | h. they are absorbing |

PARAGRAPH TWO:

- | | |
|--------------------------------|-----------------------|
| 1. published in the | a. emissions of Japan |
| 2. emissions produced | b. warning |
| 3. forest | c. by fires |
| 4. equivalent to the annual | d. accelerating |
| 5. the world's fifth- | e. growth |
| 6. The south-east Amazon sink- | f. largest polluter |
| 7. yet another stark | g. journal "Nature" |
| 8. climate impacts are | h. to-source story |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/2107/210717-amazon-rainforest-5.html>

Environmental scientists have (1) _____ parts of the Amazon (2) _____ carbon dioxide than they are absorbing. The rainforest is now producing over a billion tons of CO2 a year. The Amazon used to be a carbon "sink" where CO2 was sucked (3) _____ into oxygen. It has now become a source of carbon dioxide. The biggest reasons (4) _____ from sink to source are logging, deforestation and forest fires. The Amazon is (5) _____ of being the lungs of the world. Researchers predict the rainforest will create CO2 at an (6) _____ the future.

The research on CO2 emissions is published (7) _____ "Nature". Researchers analysed 600 profiles of CO2 emissions produced by (8) _____ in Brazil's Amazon between 2010 and 2018. They found the fires produced about 1.5 billion tons of CO2 a year, (9) _____ removed just 0.5 billion tons. The difference of one billion tons is equivalent (10) _____ emissions of Japan - the world's fifth-largest polluter. Researcher Professor Simon Lewis said: "The south-east Amazon (11) _____ story is yet another stark warning that climate (12) _____."

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2107/210717-amazon-rainforest-5.html>

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THE AMAZON RAINFOREST SURVEY

From <https://breakingnewsenglish.com/2107/210717-amazon-rainforest-4.html>

Write five GOOD questions about the Amazon rainforest 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/2107/210717-amazon-rainforest-5.html>

Write about **the Amazon rainforest** for 10 minutes. Read and talk about your partner's paper.
