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### **Level 4** - 17th July, 2021

# Amazon "flips" to be source of CO2 emissions

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

Scientists have revealed that parts of the Amazon emit more carbon dioxide than they absorb. The rainforest is producing over a billion tons of CO2 a year. It used to be a carbon "sink" where CO2 disappeared. It is becoming a source of carbon dioxide. Reasons for this flipping from sink to source are deforestation and forest fires. Researchers predict the rainforest will create CO2 at an accelerating rate in the future. It was once called "the lungs of the world".

Researchers analysed 600 profiles of CO2 emissions produced by fires in the Amazon between 2010 and 2018. The fires produced about 1.5 billion tons of CO2 a year, while the forest removed 0.5 billion tons. The billion-ton difference is the same as the annual emissions of Japan - the world's fifth-largest polluter. A researcher 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-4.html

#### **PARAGRAPH ONE:**

- 1. emit more carbon dioxide
- 2. Reasons for this
- 3. deforestation and
- 4. flipping from sink
- 5. deforestation and
- 6. the rainforest will
- 7. at an accelerating
- 8. the lungs

- a. forest fires
- b. forest fires
- c. of the world
- d. than they absorb
- e. rate
- f. to source
- g. flipping
- h. create CO2

#### **PARAGRAPH TWO:**

- 1. Researchers analysed
- 2. CO2 emissions
- 3. The fires produced about
- 4. the forest
- 5. The billion-ton
- 6. the same as the annual
- 7. the world's fifth-
- 8. yet another stark

- a. removed 0.5 billion tons
- b. emissions of Japan
- c. 600 profiles
- d. difference
- e. largest polluter
- f. produced by fires
- g. warning
- h. 1.5 billion tons

# LISTEN AND FILL IN THE GAPS

 $\textbf{From} \quad \underline{\text{https://breakingnewsenglish.com/2107/210717-amazon-rainforest-4.html} \\$ 

Scientists have (1)	of the Amazon emit more
carbon dioxide (2)	. The rainforest is producing
over a billion tons of CO2 a year. It used to be	e a carbon "sink" where CO2
disappeared. It is (3)	_ of carbon dioxide. Reasons
for this flipping from sink to source are (4)	fires.
Researchers (5)	will create CO2 at an
accelerating rate in the future. It	was once called "the
(6) world".	
Researchers analysed (7)	CO2 emissions
produced by fires in the Amazon between	2010 and 2018. The fires
produced about 1.5 billion tons of CO2 a year,	(8)
removed 0.5 billion tons. The billion-ton (9)	
same as the annual emissions of Japan - the (10	)
polluter. A researcher said: "The (11)	sink-to-
source story is yet another	stark warning that
(12) accelerating."	

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

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

ScientistshaverevealedthatpartsoftheAmazonemitmorecarbondioxi dethantheyabsorb. Therainforest is producing overabillion tons of CO2 ayear.Itusedtobeacarbon"sink"whereCO2disappeared.Itisbecomin gasourceofcarbondioxide.Reasonsforthisflippingfromsinktosourcea redeforestationandforestfires. Researchers predict the rainforest will c reateCO2atanacceleratingrateinthefuture. It was once called "the lung softheworld".Researchersanalysed600profilesofCO2emissionsprod uced by fires in the Amazon between 2010 and 2018. The firesproduced a support of the contraction of the cbout1.5billiontonsofCO2ayear, whiletheforestremoved0.5billionton s.Thebillion-tondifferenceisthesameastheannualemissionsofJapantheworld'sfifth-largestpolluter. Aresearchersaid: "The south-east Am azonsink-to-sourcestoryisyetanotherstarkwarningthatclimateimp actsareaccelerating."

### THE AMAZON RAINFOREST SURVEY

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

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).

Amaz	on "flips" to be source of CO2 emissions – 17th July, 2021 More free lessons at breakingnewsenglish.com
	JESTIONS & ASK YOUR PARTN of show these to your speaking partner(s).

## **WRITING**

 $\textbf{From} \quad \underline{\text{https://breakingnewsenglish.com/2107/210717-amazon-rainforest-4.html} \\$ 

Write about <b>the Amazon rainforest</b> for 10 minutes. Read and talk about your partner's paper.					