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Level 4 – 2nd June 2025

Greener trees may be sign a volcano will erupt

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<https://breakingnewsenglish.com/2506/250602-volcanoes-and-trees-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/2506/250602-volcanoes-and-trees-4.html>

For centuries, scientists have been predicting when volcanoes will erupt. This has been pretty unreliable. However, a study from scientists in the USA say they are a step closer to more accurate forecasts. They used images from space to detect changes in the colour of leaves near volcanoes. The scientists found an increase in carbon dioxide levels emitted by two active volcanoes in Costa Rica. This changed the colour of trees in the surrounding areas.

Current methods of predicting eruptions include checking seismic activity and carbon dioxide emissions. Monitoring the colour of leaves from space could give better predictions. The science is easy to understand. As magma moves up through Earth's crust, it releases carbon dioxide. Trees absorb this and their leaves become greener. A website said: "These signs can help to protect communities against the worst effects of volcanic blasts."

Sources: <https://www.livescience.com/planet-earth/volcanos/the-closer-a-volcano-is-to-erupting-the-greener-the-trees-around-it-look-from-space>
<https://www.sciencealert.com/trees-may-be-able-to-warn-us-when-a-volcano-is-about-to-erupt>
<https://scitechdaily.com/volcanoes-send-secret-signals-through-trees-and-nasa-satellites-can-see-them/>

PHRASE MATCHING

From <https://breakingnewsenglish.com/2506/250602-volcanoes-and-trees-4.html>

PARAGRAPH ONE:

- | | |
|----------------------------------|-------------------------|
| 1. This has been pretty | a. from space |
| 2. they are a step | b. two active volcanoes |
| 3. more accurate | c. closer |
| 4. They used images | d. areas |
| 5. detect changes | e. unreliable |
| 6. an increase in carbon dioxide | f. in the colour |
| 7. emitted by | g. levels |
| 8. in the surrounding | h. forecasts |

PARAGRAPH TWO:

- | | |
|----------------------------------|-------------------------|
| 1. Current methods of | a. Earth's crust |
| 2. checking seismic | b. emissions |
| 3. carbon dioxide | c. to understand |
| 4. Monitoring the colour | d. predicting eruptions |
| 5. The science is easy | e. absorb this |
| 6. As magma moves up through | f. activity |
| 7. Trees | g. blasts |
| 8. the worst effects of volcanic | h. of leaves |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/2506/250602-volcanoes-and-trees-4.html>

For centuries, scientists have (1) _____ volcanoes will erupt. This has (2) _____. However, a study from scientists in the USA say they are a step closer to (3) _____. They used images from space to (4) _____ the colour of leaves near volcanoes. The scientists found an increase in carbon dioxide (5) _____ two active volcanoes in Costa Rica. This changed the colour of trees in (6) _____.

Current methods (7) _____ include checking seismic activity and (8) _____. Monitoring the colour of leaves from space could give better predictions. The science is easy to understand. (9) _____ up (10) _____, it releases carbon dioxide. Trees absorb this and their leaves become greener. A website said: "These signs can (11) _____ communities against the (12) _____ volcanic blasts."

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2506/250602-volcanoes-and-trees-4.html>

For centuries, scientists have been predicting when volcanoes will erupt. This has been pretty unreliable. However, a study from scientists in the USA say they are a step closer to more accurate forecasts. They used images from space to detect changes in the colour of leaves near volcanoes. The scientists found an increase in carbon dioxide levels emitted by two active volcanoes in Costa Rica. This changed the colour of trees in the surrounding areas. Current methods of predicting eruptions include checking seismic activity and carbon dioxide emissions. Monitoring the colour of leaves from space could give better predictions. The science is easy to understand. As magma moves up through Earth's crust, it releases carbon dioxide. Trees absorb this and their leaves become greener. A website said: "The signs can help to protect communities against the worst effects of volcanic blasts."

VOLCANOES SURVEY

From <https://breakingnewsenglish.com/2506/250602-volcanoes-and-trees-4.html>

Write five GOOD questions about volcanoes 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/2506/250602-volcanoes-and-trees-4.html>

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

[illegible]