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Level 5 – 4th June, 2019

Scientists puzzled by flashes on the moon

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<https://breakingnewsenglish.com/1906/190604-moon-flashes-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/1906/190604-moon-flashes-5.html>

Scientists are puzzled at why there are flashes of light on the surface of the moon. This strange phenomenon is happening several times a week. Sometimes the flashes are short, while at other times they last longer. Scientists observed that on occasion, there are places on the moon that darken temporarily. Moon experts are speculating on what is causing the flashes. One scientist said a meteorite strike can make the moon's surface glow briefly. Another scientist wondered whether the flashes occurred when electrically charged particles of solar wind reacted with moon dust.

A telescope has been set up in Spain to observe the moon. The head of the telescope team is Hakan Kayal, a professor of space technology. He said: "Seismic activities were observed on the moon. When the surface moves, gases that reflect sunlight could escape from the interior. This would explain the luminous phenomena." He added that the moon flashes have been known since the 1950s, "but they have not been sufficiently observed". Professor Kayal said: "Anyone who wants to build a lunar base at some point must of course be familiar with the local conditions."

Sources: <https://phys.org/news/2019-05-moon.html>
<https://metro.co.uk/2019/05/31/mysterious-unexplained-flashes-light-spotted-moon-9768936/>
<https://futurism.com/the-byte/flashes-moon-scientists>

PHRASE MATCHING

From <https://breakingnewsenglish.com/1906/190604-moon-flashes-5.html>

PARAGRAPH ONE:

- | | |
|-----------------------------------|------------------------|
| 1. on the surface | a. glow briefly |
| 2. happening several | b. causing the flashes |
| 3. at other times they | c. dust |
| 4. places on the moon that darken | d. last longer |
| 5. speculating on what is | e. of solar wind |
| 6. make the moon's surface | f. temporarily |
| 7. charged particles | g. of the moon |
| 8. moon | h. times a week |

PARAGRAPH TWO:

- | | |
|------------------------------------|--------------------|
| 1. A telescope has been set | a. sunlight |
| 2. The head of the | b. since the 1950s |
| 3. seismic | c. conditions |
| 4. gases that reflect | d. telescope team |
| 5. moon flashes have been known | e. lunar base |
| 6. they have not been sufficiently | f. up in Spain |
| 7. build a | g. activities |
| 8. be familiar with the local | h. observed |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/1906/190604-moon-flashes-5.html>

Scientists (1) _____ why there are flashes of light on the surface of the moon. This strange phenomenon (2) _____ times a week. Sometimes the flashes are short, while at other times they last longer. Scientists observed (3) _____, there are places on the moon that darken temporarily. Moon (4) _____ on what is causing the flashes. One scientist said a meteorite strike can make the moon's (5) _____. Another scientist wondered whether the flashes occurred when electrically charged (6) _____ wind reacted with moon dust.

A telescope has been set up in Spain (7) _____ moon. The head of the telescope team is Hakan Kayal, a professor of space technology. He said: "(8) _____ observed on the moon. When the surface moves, gases (9) _____ could escape from the interior. This would explain the luminous phenomena." He added that the moon flashes have (10) _____ the 1950s, "but they have not been sufficiently observed". Professor Kayal said: "Anyone who wants to build (11) _____ at some point must of course be familiar with (12) _____."

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/1906/190604-moon-flashes-5.html>

Scientists are puzzled at why there are flashes of light on the surface of the moon. This strange phenomenon is happening several times a week. Sometimes the flashes are short, while at other times they last longer. Scientists observed that on occasion, there are places on the moon that darken temporarily. Moon experts are speculating on what is causing the flashes. One scientist said a meteorite strike can make the moon's surface glow briefly. Another scientist wondered whether the flashes occurred when electrically charged particles of solar wind reacted with moon dust. A telescope has been set up in Spain to observe the moon. The head of the telescope team is Hakan Kayal, a professor of space technology. He said: "Seismic activities were observed on the moon. When the surface moves, gas that reflects sunlight could escape from the interior. This would explain the luminous phenomena." He added that the moon flashes have been known since the 1950s, "but they have not been sufficiently observed". Professor Kayal said: "Anyone who wants to build a lunar base at some point must of course be familiar with the local conditions."

THE MOON SURVEY

From <https://breakingnewsenglish.com/1906/190604-moon-flashes-4.html>

Write five GOOD questions about the moon 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) _____

