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Level 2 – 17th November, 2022

Our Sun will die in 10 billion years from now

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<https://breakingnewsenglish.com/2211/221117-death-of-our-sun-2.html>

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Please try Levels 0, 1 and 3. They are (a little) harder.

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THE READING

From <https://breakingnewsenglish.com/2211/221117-death-of-our-sun-2.html>

Scientists know when our Sun will die. It won't be soon. It will be in 10 billion years. The scientists are from the UK. They say that in about 5 billion years from now, the Sun will turn into a "red giant". This is the science name for a star at the end of its life. When our Sun becomes a red giant, its centre will get smaller. Its outer layers will travel as far as Mars. This means Earth will burn and disappear. After our Sun turns into a red giant, it will become a bubble of gas and space dust. No humans will be on Earth when the Sun dies out. Humans will disappear in around one billion years from now.

The Sun is still young. It is just 4.6 billion years old. This means it is only around one third into its lifespan. A professor explained that: "When a star dies, it ejects a mass of gas and dust into space....This reveals the star's core. By this point in the star's life, it is running out of fuel." He said it then turns off and dies. The professor was happy that modern science can calculate the age of stars and what will happen to them. He said we can work out what stars there are in distant galaxies. He said: "We have even found out what the Sun will do when it dies".

Sources: <https://www.sciencealert.com/scientists-figured-out-when-and-how-our-sun-will-die-and-it-will-be-epic>
<https://www.ndtv.com/world-news/how-and-when-will-the-sun-die-researchers-have-an-answer-3513891>
<https://www.inverse.com/science/when-will-the-sun-die>

PHRASE MATCHING

From <https://breakingnewsenglish.com/2211/221117-death-of-our-sun-2.html>

PARAGRAPH ONE:

- | | |
|-------------------------------|-----------------------|
| 1. Scientists know when | a. gas and space dust |
| 2. It won't be | b. "red giant" |
| 3. It will be in | c. will get smaller |
| 4. the Sun will turn into a | d. soon |
| 5. its centre | e. disappear |
| 6. travel as | f. our Sun will die |
| 7. it will become a bubble of | g. far as Mars |
| 8. Humans will | h. 10 billion years |

PARAGRAPH TWO:

- | | |
|---------------------------------|--------------------|
| 1. The Sun is | a. the age |
| 2. around one third into | b. gas and dust |
| 3. it ejects a mass of | c. off and dies |
| 4. it is running | d. do when it dies |
| 5. it then turns | e. still young |
| 6. modern science can calculate | f. galaxies |
| 7. in distant | g. its lifespan |
| 8. what the Sun will | h. out of fuel |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/2211/221117-death-of-our-sun-2.html>

Scientists know when our Sun will die. It (1) _____. It will be in 10 billion years. The scientists are from the UK. They say that in about 5 billion (2) _____, the Sun will turn into a "red giant". This is the science name for a star at (3) _____ its life. When our Sun becomes a red giant, its centre will get smaller. Its outer layers will (4) _____ as Mars. This means Earth will burn and disappear. After our Sun turns into a red giant, it will become (5) _____ gas and space dust. No humans will be on Earth when the Sun dies out. Humans will disappear (6) _____ billion years from now.

The Sun is still young. It is just 4.6 billion years old. This (7) _____ only around one third into its lifespan. A professor explained that: "When a star dies, it (8) _____ of gas and dust into space....This reveals the star's core. (9) _____ in the star's life, it is running out of fuel." He said it then (10) _____ dies. The professor was happy that modern science can calculate the age of stars and what (11) _____ them. He said we can work out what stars there are (12) _____. He said: "We have even found out what the Sun will do when it dies".

PUT A SLASH (/) WHERE THE SPACES ARE

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THE SUN SURVEY

From <https://breakingnewsenglish.com/2211/221117-death-of-our-sun-2.html>

Write five GOOD questions about the Sun 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) _____

