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Level 1 – 29th July, 2018

Scientists record the sounds of the Sun

FREE online quizzes, mp3 listening and more for this lesson here:

<https://breakingnewsenglish.com/1807/180729-sounds-of-the-sun-1.html>

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Please try Levels 0, 2 and 3. They are (a little) harder.

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THE READING

From <https://breakingnewsenglish.com/1807/180729-sounds-of-the-sun-1.html>

Have you thought about what the Sun sounds like? Scientists from different space agencies studied 20 years of data to try to listen to the Sun. They found the Sun has a sound like a low, deep "heartbeat". They measured vibrations from the Sun and changed them into different sounds. The scientists used these to find out what is happening inside the Sun. They will understand more about solar flares and other things that happen inside the Sun.

Researchers turned data from the space agencies into a "song". A researcher said: "We don't have straightforward ways to look inside the Sun...so using...the Sun's vibrations allows us to see inside of it." He added: "Waves are travelling and bouncing around inside the Sun, and if your eyes were sensitive enough, they could actually see this." Scientists are understanding more about how complex the Sun is. He said: "I think that's a pretty cool thing."

Sources: <https://www.space.com/41285-listen-to-the-sun.html>
<http://www.sci-news.com/astronomy/sounds-sun-soho-06242.html>
<https://phys.org/news/2018-07-sun.html>

PHRASE MATCHING

From <https://breakingnewsenglish.com/1807/180729-sounds-of-the-sun-1.html>

PARAGRAPH ONE:

- | | |
|------------------------------------|-------------------------|
| 1. Have you thought about what | a. from the Sun |
| 2. Scientists from different space | b. about solar flares |
| 3. They measured vibrations | c. used these |
| 4. changed them into different | d. the Sun |
| 5. The scientists | e. the Sun sounds like? |
| 6. find out what | f. sounds |
| 7. They will understand more | g. agencies |
| 8. things that happen inside | h. is happening |

PARAGRAPH TWO:

- | | |
|----------------------------------|---------------------|
| 1. data from the space | a. more |
| 2. We don't have straightforward | b. the Sun |
| 3. bouncing around inside | c. the Sun is |
| 4. if your eyes were | d. agencies |
| 5. they could actually | e. cool thing |
| 6. Scientists are understanding | f. ways |
| 7. how complex | g. see this |
| 8. I think that's a pretty | h. sensitive enough |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/1807/180729-sounds-of-the-sun-1.html>

Have you thought (1) _____ Sun sounds like?
Scientists from different (2) _____ 20 years of
data to (3) _____ to the Sun. They found the Sun
has a sound (4) _____, deep "heartbeat". They
measured vibrations from the Sun and changed them into
different sounds. The scientists (5) _____ find out
what is happening inside the Sun. They will understand more
about (6) _____ other things that happen inside
the Sun.

Researchers (7) _____ the space agencies into a
"song". A researcher said: "We don't have straightforward ways
(8) _____ the Sun...so using...the Sun's
vibrations allows us to see (9) _____." He added:
"Waves are travelling and bouncing around inside the Sun, and if
your eyes (10) _____, they could actually see
this." Scientists are understanding more
(11) _____ the Sun is. He said: "I think
(12) _____ cool thing."

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/1807/180729-sounds-of-the-sun-1.html>

Have you thought about what the Sun sounds like? Scientists from different space agencies studied 20 years of data to try to listen to the Sun. They found the Sun has a sound like a low, deep "heartbeat". They measured vibrations from the Sun and changed them into different sounds. The scientists used these to find out what is happening inside the Sun. They will understand more about solar flares and other things that happen inside the Sun. Researcher turned data from the space agencies into a "song". A researcher said: "We don't have a straight forward way to look inside the Sun... using... the Sun's vibrations allows us to see inside of it." He added: "Waves are travelling and bouncing around inside the Sun, and if your eyes were sensitive enough, they could actually see this." Scientists are understanding more about how complex the Sun is. He said: "I think that's a pretty cool thing."

THE SUN'S SOUNDS SURVEY

From <https://breakingnewsenglish.com/1807/180729-sounds-of-the-sun-4.html>

Write five GOOD questions about the Sun's sounds 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) _____

