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Level 2

Scientists say there could be life on TRAPPIST-1

7th March, 2017

<http://www.breakingnewsenglish.com/1703/170307-trappist-1-2.html>

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

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THE READING

From <http://www.breakingnewsenglish.com/1703/170307-trappist-1-2.html>

Since the discovery of the TRAPPIST-1 solar system, scientists have been discussing whether the planets in it could contain life. TRAPPIST-1 contains a small sun and seven Earth-sized planets, similar to our own solar system. NASA scientist Michael Gillon said three of the planets get as much heat from its sun as Earth gets from our Sun. He said this provides the right environment for life to exist. TRAPPIST-1 is in a star system called Aquarius nearly 40 light-years away from Earth. Its sun is smaller and less bright than our Sun, but could support life.

Michael Gillon said: "If you were on the surface of one of these planets, you would have a wonderful view of the other planets. You wouldn't see them like we see Venus or Mars, like dots of light. You would see them really as we see the Moon. You would see the structures on these worlds." Scientist Dr Jessie Christiansen said life can live anywhere. She said bacteria can survive in caves that are 130-degrees centigrade and things can live at the bottom of the ocean where there is no light. She said it is possible for there to be life on some of the TRAPPIST-1 planets.

Sources: <http://sciexaminer.com/news/space/earth-2-0-trappist-1-host-another-earth-2357.html>
<http://www.csmonitor.com/Science/2017/0227/Could-the-TRAPPIST-1-worlds-harbor-alien-life>
<http://www.space.com/35811-life-on-trappist-1-earth-like-exoplanets.html>

PHRASE MATCHING

From <http://www.breakingnewsenglish.com/1703/170307-trappist-1-2.html>

PARAGRAPH ONE:

- | | |
|-----------------------------------|--------------------------|
| 1. Since the | a. years away from Earth |
| 2. seven Earth- | b. called Aquarius |
| 3. similar to our own solar | c. life |
| 4. the right environment | d. bright than our Sun |
| 5. TRAPPIST-1 is in a star system | e. system |
| 6. nearly 40 light- | f. discovery |
| 7. Its sun is smaller and less | g. sized planets |
| 8. support | h. for life to exist |

PARAGRAPH TWO:

- | | |
|----------------------------------|-------------------------|
| 1. If you were on the surface of | a. in caves |
| 2. a wonderful view of the other | b. light |
| 3. dots | c. centigrade |
| 4. bacteria can survive | d. for there to be life |
| 5. 130-degrees | e. of light |
| 6. live at the bottom | f. one of these planets |
| 7. where there is no | g. planets |
| 8. She said it is possible | h. of the ocean |

LISTEN AND FILL IN THE GAPS

From <http://www.breakingnewsenglish.com/1703/170307-trappist-1-2.html>

Since (1) _____ the TRAPPIST-1 solar system, scientists have been discussing whether the planets in it could contain life. TRAPPIST-1 (2) _____ sun and seven Earth-sized planets, (3) _____ solar system. NASA scientist Michael Gillon said three of the planets get as much heat (4) _____ Earth gets from our Sun. He said this provides the right environment (5) _____. TRAPPIST-1 is in a star system called Aquarius nearly 40 light-years away from Earth. Its (6) _____ less bright than our Sun, but could support life.

Michael Gillon said: "If (7) _____ surface of one of these planets, you would (8) _____ view of the other planets. You wouldn't see them like we see Venus or Mars, (9) _____. You would see them really as we see the Moon. You would see the (10) _____ worlds." Scientist Dr Jessie Christiansen said life can live anywhere. She said bacteria can (11) _____ that are 130-degrees centigrade and things can live at the bottom of the ocean where (12) _____. She said it is possible for there to be life on some of the TRAPPIST-1 planets.

PUT A SLASH (/) WHERE THE SPACES ARE

From <http://www.breakingnewsenglish.com/1703/170307-trappist-1-2.html>

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PLANETS SURVEY

From <http://www.breakingnewsenglish.com/1703/170307-trappist-1-4.html>

Write five GOOD questions about planets 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) _____

