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## Level 5

### Light pollution is taking away night's darkness

26th November, 2017

<https://breakingnewsenglish.com/1711/171126-light-pollution-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/1711/171126-light-pollution-5.html>

The brightness of light from our cities has reached such high levels that it is reducing the darkness of night. A century ago, when night-time fell, the dark of night arrived. Things are different today. A new study reports that artificial light at night is increasing around the world. Scientists say it grew by 2.2 per cent a year between 2012 and 2016. This intrusion of artificial light is causing us many problems. The International Dark-Sky Association says it, "is not only impairing our view of the universe, it is adversely affecting our environment, our safety, our energy consumption and our health".

Dr Franz Holker said artificial light is a threat to our natural environment. He called it a "pollutant that threatens nocturnal animals and affects plants and microorganisms". He added that it is affecting everything from bacteria to mammals, including humans. He said it is reshaping "entire social ecological systems". Environmentalists thought LED lights would help. However, cities are using more LED lights because they are cheaper. This is adding to the light pollution. Night-time light decreased in 16 countries, including nations at war, like Yemen and Syria.

Sources: <https://www.usatoday.com/story/tech/science/2017/11/22/farewell-night-light-pollution-reducing-darkness-worldwide/888786001/>  
<http://www.iflscience.com/environment/artificial-light-pollution-around-the-world-is-leading-to-a-loss-of-night/>  
<http://www.skyandtelescope.com/astronomy-news/lost-led-revolution-light-pollution-increasing/>

# PHRASE MATCHING

From <https://breakingnewsenglish.com/1711/171126-light-pollution-5.html>

## PARAGRAPH ONE:

- |                                |                  |
|--------------------------------|------------------|
| 1. it is reducing the darkness | a. environment   |
| 2. when night-time             | b. is increasing |
| 3. the dark of night           | c. our health    |
| 4. artificial light at night   | d. of night      |
| 5. artificial                  | e. universe      |
| 6. impairing our view of the   | f. fell          |
| 7. adversely affecting our     | g. light         |
| 8. our energy consumption and  | h. arrived       |

## PARAGRAPH TWO:

- |                                 |                    |
|---------------------------------|--------------------|
| 1. reached such high            | a. fell            |
| 2. reducing the darkness of     | b. by 2.2% a year  |
| 3. when night-time              | c. night arrived   |
| 4. the dark of                  | d. environment     |
| 5. artificial light at night is | e. levels          |
| 6. it grew                      | f. of the universe |
| 7. impairing our view           | g. night           |
| 8. adversely affecting our      | h. increasing      |

# LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/1711/171126-light-pollution-5.html>

The brightness (1) \_\_\_\_\_ our cities has reached such high levels that it is reducing the darkness of night. A (2) \_\_\_\_\_ night-time fell, the dark of night arrived. Things are different today. A new study reports that artificial light at (3) \_\_\_\_\_ around the world. Scientists say it grew by 2.2 per cent a year between 2012 and 2016. (4) \_\_\_\_\_ artificial light is causing us many problems. The International Dark-Sky Association says it, "is not only (5) \_\_\_\_\_ of the universe, it is adversely affecting our environment, our safety, our energy consumption (6) \_\_\_\_\_".

Dr Franz Holker said artificial light is (7) \_\_\_\_\_ our natural environment. He called it a "pollutant that threatens nocturnal animals and (8) \_\_\_\_\_ microorganisms". He added that it is affecting everything from (9) \_\_\_\_\_, including humans. He said it is reshaping "entire social ecological systems". Environmentalists thought LED lights would help. However, (10) \_\_\_\_\_ more LED lights because they are cheaper. This (11) \_\_\_\_\_ the light pollution. Night-time light decreased in 16 countries, including (12) \_\_\_\_\_, like Yemen and Syria.

# PUT A SLASH ( / ) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/1711/171126-light-pollution-5.html>

The brightness of light from our cities has reached such high levels that it is reducing the darkness of night. A century ago, when night-time fell, the dark of night arrived. Things are different today. A new study reports that artificial light at night is increasing around the world. Scientists say it grew by 2.2 percent a year between 2012 and 2016. This intrusion of artificial light is causing us many problems. The International Dark-Sky Association says it, "is not only impairing our view of the universe, it is adversely affecting our environment, our safety, our energy consumption and our health". Dr Franz Holker said artificial light is a threat to our natural environment. He called it a "pollutant that threatens nocturnal animals and affects plants and microorganisms". He added that it is affecting everything from bacteria to mammals, including humans. He said it is reshaping "entire social ecological systems". Environmentalists thought LED lights would save the planet. However, cities are using more LED lights because they are cheaper. This is adding to the light pollution. Night-time light decreased in 16 countries, including nations at war, like Yemen and Syria.

# LIGHT POLLUTION SURVEY

From <https://breakingnewsenglish.com/1711/171126-light-pollution-4.html>

Write five GOOD questions about light pollution 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) \_\_\_\_\_

*Light pollution is taking away night's darkness – 26th November, 2017*  
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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) \_\_\_\_\_

