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### Level 0

# New plants can produce light in the dark

18th December, 2017

https://breakingnewsenglish.com/1712/171218-plants-0.html

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Please try Levels 1, 2 and 3. They are (a little) harder.

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THE READING

From <a href="https://breakingnewsenglish.com/1712/171218-plants-0.html">https://breakingnewsenglish.com/1712/171218-plants-0.html</a>

Scientists in the USA have made plants that light up. They

hope their plant lights could replace electric lights and street

lights. The team hopes the plant lights will help the

environment. It said: "The vision is to make a plant that will

[work] as a desk lamp...that you don't have to plug

in....powered by the energy...of the plant."

The idea for the plant lights came from fireflies. They put the

thing in fireflies that makes them glow into spinach and

watercress leaves. The plants glowed for nearly four hours.

Scientists said they want to treat a young plant one time and

have it light up for its lifetime. They said plant lights will be a

part of our life.

Sources: http://www.independent.co.uk/news/science/glowing-plants-streetlamps-lamps-replacement-

new-invention-a8113191.html

http://news.mit.edu/2017/engineers-create-nanobionic-plants-that-glow-1213

https://phys.org/news/2017-12-engineers-create-plants-that-glow.html

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### PHRASE MATCHING

From https://breakingnewsenglish.com/1712/171218-plants-0.html

#### **PARAGRAPH ONE:**

- 1. plants that light
- 2. plant lights could
- 3. street
- 4. the plant lights will
- 5. The vision is
- 6. work as a
- 7. that you don't have to plug
- 8. powered by the energy

- a. in
- b. help the environment
- c. of the plant
- d. replace electric lights
- e. desk lamp
- f. up
- g. to make a plant
- h. lights

#### **PARAGRAPH TWO:**

- 1. The idea for the plant
- 2. came from
- 3. fireflies that makes them
- 4. spinach and watercress
- 5. The plants glowed for
- 6. treat a young plant one
- 7. have it light up
- 8. plant lights will be a part

- a. nearly four hours
- b. for its lifetime
- c. fireflies
- d. of our life
- e. glow
- f. leaves
- g. lights
- h. time

# **LISTEN AND FILL IN THE GAPS**

From <a href="https://breakingnewsenglish.com/1712/171218-plants-0.html">https://breakingnewsenglish.com/1712/171218-plants-0.html</a>

Scientists in the USA have made plants (1)
They hope their plant lights could replace electric
(2) lights. The team hopes the plant
lights (3) environment. It said: "The
vision (4) a plant that will [work] as a
(5) you don't have to plug inpowered
by the energy(6)"
The idea for the plant lights (7) They put
the thing in fireflies (8) glow into spinach
and watercress leaves. The plants (9)
four hours. Scientists said (10) treat a
young plant (11) have it light up for its
lifetime. They said plant lights will be a
(12) life.

## PUT A SLASH ( / )WHERE THE SPACES ARE

From https://breakingnewsenglish.com/1712/171218-plants-0.html

ScientistsintheUSAhavemadeplantsthatlightup. Theyhopetheirplant lightscouldreplaceelectriclightsandstreetlights. The teamhopes the place is a second of the could be a second of the coul antlightswillhelptheenvironment.Itsaid: "Thevisionistomakeaplantt hatwill[work]asadesklamp...thatyoudon'thavetoplugin....powered ytheenergy...oftheplant."Theideafortheplantlightscamefromfireflie s. They put the thing in fireflies that makes the mglowintospin achandwat ercressleaves. The plants glowed for nearly four hours. Scientists said th eywanttotreatayoungplantonetimeandhaveitlightupforitslifetime.T

heysaidplantlightswillbeapartofourlife.

### **LIGHT PLANTS SURVEY**

From <a href="https://breakingnewsenglish.com/1712/171218-plants-4.html">https://breakingnewsenglish.com/1712/171218-plants-4.html</a>

Write five GOOD questions about light plants 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).

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## **WRITING**

From <a href="https://breakingnewsenglish.com/1712/171218-plants-0.html">https://breakingnewsenglish.com/1712/171218-plants-0.html</a>

Write about <b>light</b>	t plants for	10 minutes.	Read and	talk about you	r partner's paper.