
BBC LEARNING ENGLISH

Story of the Week 每周一报

Plant energy 植物能量



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ENGLISH

文字稿

Could your garden **power** your mobile phone?

Scientists at Cambridge University are **investigating** how plants can give us **sustainable energy**.

They do this by collecting **electrons** released naturally by plants and turning them into electricity. You can even create your own algae **solar panel**.

But a lot of work needs to be done to make the process more efficient.

(Original story: BBC Click)

词汇

power (verb)	充电
investigating	调查研究
sustainable energy	可持续能源
electrons	电粒子
solar panel	太阳能电池板

中文文字稿

你的花园能为你的手机充电吗？

剑桥大学的科学家们正在调查研究看看如何让植物给我们提供可持续能源。

他们采用的方法是收集植物自然释放的电子然后将其转换为电力。你甚至可以创造你自己的藻类太阳能电池板！

不过要使这一转换过程变更为有效还需要做很多工作。

(内容来源: BBC Click)

收看视频链接: **Plant energy** <http://bbc.in/1DaGnft>

练习

以下练习中的语句全部选自于其他网页。
请从下面的词汇表里选择答案来完成句子。
注意：你可能需要改变单词的时态来完成句子。

power (verb) / investigating / sustainable energy / electrons / solar panel

1. A bus _____ by cow manure has set a land speed record for a regular bus by driving at 77mph.
Reading Buses' "Bus Hound" was recorded doing a lap speed of 76.785mph (123.57 km/h) at Bedford's Millbrook Proving Ground.
2. "If the _____, those tiny planets of the atomic systems, were induced to combine with the nuclei in the hydrogen the horsepower liberated would be 120 times greater still. There is no question among scientists that this gigantic source of energy exists. "
3. Smoking could play a direct role in the development of schizophrenia and needs to be _____, researchers say.
4. "The Renaissance Dam project represents a source of development for the millions of Ethiopia's citizens through producing green and _____, but for their brothers living on the banks of that very Nile in Egypt, and who approximately equal them in numbers, it represents a source of concern and worry," he said.
5. His family watch television, his six children do their homework without candles. There is no need for expensive kerosene lamps - all because of a single _____ on his tin roof.
"When we started using the solar panels, life changed in a good way," says Mr Lodio.

答案

1. A bus **powered** by cow manure has set a land speed record for a regular bus by driving at 77mph.
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2. "If the **electrons**, those tiny planets of the atomic systems, were induced to combine with the nuclei in the hydrogen the horsepower liberated would be 120 times greater still. There is no question among scientists that this gigantic source of energy exists. "
3. Smoking could play a direct role in the development of schizophrenia and needs to be **investigated**, researchers say.
4. "The Renaissance Dam project represents a source of development for the millions of Ethiopia's citizens through producing green and **sustainable energy**, but for their brothers living on the banks of that very Nile in Egypt, and who approximately equal them in numbers, it represents a source of concern and worry," he said.
5. His family watch television, his six children do their homework without candles. There is no need for expensive kerosene lamps - all because of a single **solar panel** on his tin roof.
"When we started using the solar panels, life changed in a good way," says Mr Lodio.