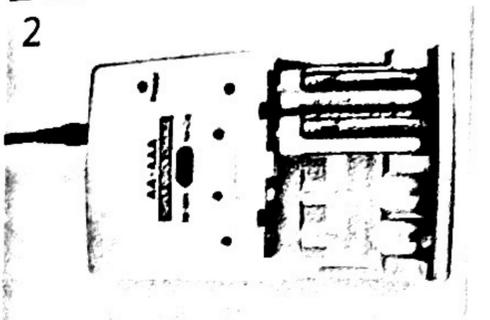


28 I can talk about energy conservation

A Saving energy in the home

Three easy ways to **conserve** energy in the home

- Switch to **energy-saving eco** light bulbs¹. They **emit** less heat and last far longer. They may be more expensive, but you can greatly reduce your energy **consumption**.
- Never leave electrical **appliances** such as TVs **on standby**, or leave your mobile phone **charging** unnecessarily. Get rid of your **tumble dryer**: they **consume** masses of energy.
- Every year we throw away thousands of batteries, making **landfill** sites even more toxic. Use **rechargeable batteries**², or **better still**, solar **chargers**.



Glossary

conserve sth	avoid wasting sth. conservation N.
switch to sth	change from using one thing to using another.
energy-saving	not wasting much energy (water-saving , labour-saving).
eco(-)	(short for ecology) relating to the environment (eco-home , eco-disaster).
emit sth	send out sth such as light, heat, sounds, gas, etc. emission N.
consumption	the act of using energy, food, or materials. consume v (a person is a consumer).
appliance	a machine you use at home e.g. fridge, washing machine.
on standby	If a TV is on standby , it is connected to the power supply but is not in use.
charge sth (up)	pass electricity through sth to store it there, using a charger (N).
tumble dryer	a machine that uses hot air to dry clothes.
landfill (site)	an area of land where large amounts of rubbish are buried.
toxic	poisonous (toxic chemicals/gases/substances).
better still	even better (still is used to make a comparison stronger).

1 Good or bad, in terms of energy-saving? Write G or B.

- | | |
|-----------------------------------------------|-----------------------------------------------|
| 1 I left the TV on standby overnight. _____ | 6 We took energy conservation measures. _____ |
| 2 We don't use eco light bulbs. _____ | 7 He left the phone charger on all day. _____ |
| 3 I switched to rechargeable batteries. _____ | 8 Our energy emissions are high. _____ |
| 4 Our energy consumption increased. _____ | 9 We avoided sending it to landfill. _____ |
| 5 The machine emits toxic substances. _____ | 10 I threw away a water-saving device. _____ |

2 Complete the sentences.

- Have you got a tumble - _____ ? If so, could you manage without it?
- When you _____ your mobile phone, do you leave it plugged in overnight?
- Do you know how much electricity you _____ in an average week?
- How many electrical _____ in your kitchen do you use regularly?
- Do you always turn off lights in rooms you aren't using to _____ energy?
- Do you use rechargeable _____, or better _____, a solar _____ ?
- Which energy-_____ steps in the article above do you actually take?
- Are you an above-average or below-average _____ of electricity?

ABOUT YOU

3 ABOUT YOU Answer the questions in Exercise 2, or ask another student.

B Saving energy in a restaurant



ACORN HOUSE RESTAURANT is London's first truly **environmentally-friendly** restaurant. It's a training restaurant which aims to turn out **green** chefs, making it a **groundbreaking enterprise**. The principles are clear: use local produce which is **in season** to reduce **food miles**; avoid **disposable** products; and **recycle** at least 80 per cent of all waste. Even the building itself has been designed to **maximize** natural light and to **minimize** energy use. In the most **sustainable** restaurant in the capital, everything is done to reduce each customer's **carbon footprint**. Is this the restaurant of the future?

Glossary

green	concerned with or supporting the protection of the environment.
groundbreaking enterprise	using new methods or making new discoveries. a large, new project. <i>SYN</i> venture.
in season	(of fruit and vegetables) ready for eating now and available in large numbers. <i>OPP</i> out of season.
food miles	the distance food travels from where it is grown or produced to where it is consumed.
disposable	made to be thrown away after use. <i>dispose of sth</i> v.
recycle sth	treat sth so that it can be used again. <i>recycling</i> n.
maximize sth	1 make the best use of sth. 2 increase sth as much as possible. <i>OPP</i> minimize sth.
sustainable	using methods which do not harm the environment (<i>sustainable agriculture/energy</i>). <i>sustainability</i> n.
carbon footprint	Your carbon footprint shows how much CO ₂ is emitted from your personal energy use (<i>reduce your carbon footprint</i>).

spotlight -friendly

-friendly is often used with nouns, adjectives, and adverbs to mean 'helping a person or thing; not harming them'.

an eco-friendly light bulb

environmentally-friendly

cleaning products

user-friendly instructions

(= easy to use or understand)

4 Tick the word(s) which are possible. One, two, or three may be possible.

- 1 Using natural materials such as cotton or wool is more *environmentally-friendly* *eco-friendly* *user-friendly* than using man-made fabrics.
- 2 We should try to eat food which is *in season* *out of season* *disposable* .
- 3 We should try to reduce *food miles* *our carbon footprint* *sustainability* .
- 4 In new buildings, it's important to *minimize* *maximize* *dispose of* natural light.
- 5 The restaurant is an exciting new *enterprise* *carbon footprint* *venture* .
- 6 We are interested in *groundbreaking* *sustainable* *green* projects.

5 Complete the texts.

Two university scientists have been given an award for their (1) g..... research into ways of (2) r..... used computers. Their unusual (3) v..... aims to (4) r..... 95 per cent of all computer parts, and ensure that the remaining 5 per cent will be (5) d..... of in a way which (6) m..... the impact on the environment.

Food (7) m..... (or food kilometres) are the distance food travels from the farm to your plate. Here at The Good Food Forum we aim to educate communities on this issue, and to encourage consumers to buy locally produced food which is in (8) s.....