Lesson 1: Carbon footprint

Vocabulary

1. Match the words 1–6 with the definitions a–f.

<p>| | | | | | |</p>
<table>
<thead>
<tr>
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<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>environment</td>
<td>a</td>
<td>something needed to produce energy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>sustainable</td>
<td>b</td>
<td>sharing vehicles with other people</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>waste</td>
<td>c</td>
<td>external conditions or circumstances around us</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>organic</td>
<td>d</td>
<td>something which is thrown away because it’s not needed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>fuel</td>
<td>e</td>
<td>an unlimited resource which can be used without damaging the environment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>carpooling</td>
<td>f</td>
<td>grown in a healthy and natural way</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. Complete the table with the missing form of the words.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>noun</td>
<td>adjective</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>environment</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>sustainable</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>reduced</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>availability</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>recycled</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>efficiency</td>
<td></td>
</tr>
</tbody>
</table>

Listening

3. 10.1 Complete the text with the words in the box. Then listen and check.

appliances carbon efficiency emissions fuel temperature

If we want to reduce 1, I think we need to focus on two things: energy conservation and energy 2.

Energy conservation is about saving energy by using less. This usually involves changing your consumption habits. Examples of energy-saving measures include reducing the room 3 in your home or office or taking the underground instead of driving to work.

Energy efficiency means that less energy is needed to provide the same result. If you have an old boiler, for example, it will probably take more 4 to heat water than a new and more efficient model. Increasing energy efficiency often comes with higher initial costs. It usually means that you need to invest in new technologies or 5 first and benefit from reduced energy costs later.

Saving energy and making appliances more energy-efficient are excellent measures to cut 6 emissions.

4. Read the text again. Are the sentences true or false?

<table>
<thead>
<tr>
<th></th>
<th>True</th>
<th>False</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Energy conservation is the same as energy efficiency.</td>
<td>○</td>
</tr>
<tr>
<td>2</td>
<td>If you want to save energy, you may need to change your habits.</td>
<td>○</td>
</tr>
<tr>
<td>3</td>
<td>You can reduce energy consumption by using the car instead of public transport.</td>
<td>□</td>
</tr>
<tr>
<td>4</td>
<td>Energy-efficient appliances can initially be more expensive.</td>
<td>□</td>
</tr>
</tbody>
</table>
Lesson 2: Buy local

Grammar 1
Choose the correct form.
1 Our company is established / established / was established in 1988.
2 Even today, Gucci products are made / are making / were made in Florence.
3 This type of salami was kept / is keeping / can be kept for a long time.
4 GEOX is an Italian footwear company which is known / knows / were known as ‘the shoe that breathes’.
5 In 2001, Apple launched the iPod. More than 100 million units are sold / have been sold / were sold in the first six years.
6 Espresso coffee is produced / has been produced / are producing here since 1875.

Listening 2
10.2 Listen to the information about Branston Farm. Are the sentences true or false?

<table>
<thead>
<tr>
<th></th>
<th>True</th>
<th>False</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Branston Farm is in West Dorset, England.</td>
<td>☐ ☐</td>
</tr>
<tr>
<td>2</td>
<td>In 1987, they started producing organic fruit, vegetables and herbs.</td>
<td>☐ ☐</td>
</tr>
<tr>
<td>3</td>
<td>They also supply some cafés and restaurants in the area with produce.</td>
<td>☐ ☐</td>
</tr>
<tr>
<td>4</td>
<td>The person who runs the farm has 10 years of experience in sustainable agriculture.</td>
<td>☐ ☐</td>
</tr>
</tbody>
</table>

Grammar 3
Listen again and complete the sentences.
1 Their first farm shop ___________ in 1987.
2 The farm ______________ ‘organic’ since 1991.
3 Their seasonal produce ___________ at several farmers’ markets in the area, which ___________ twice a month, on Fridays and Saturdays.
4 Their farm shop ___________ for some weeks in winter, but ___________ recently, so their produce can now be collected from the farm again.
5 Boxes of fresh fruit and vegetables ___________ to about 20 places every week.
6 Branston Farm ___________ by Frank Hewis, who has more than 25 years of experience in sustainable agriculture.

Grammar 4
Change the sentences from active to passive.
1 Our farm produces fresh organic food.
2 Over the past few years we have reduced packaging.
3 We have improved recycling methods.
4 They can deliver seasonal produce to your home.
5 They grow all of their produce on the farm.
6 Tina Holland runs the farm shop.
7 We are using sustainable growing methods.
8 Last year they set up a second shop.

Grammar 5
Answer the questions about your company / university.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>When was your company / university established?</td>
</tr>
<tr>
<td>2</td>
<td>What products / services / courses are offered?</td>
</tr>
<tr>
<td>3</td>
<td>Where is your company / university located?</td>
</tr>
<tr>
<td>4</td>
<td>Who is your department run by?</td>
</tr>
<tr>
<td>5</td>
<td>How many people / students are employed / enrolled there?</td>
</tr>
</tbody>
</table>
**Lesson 3: Tell me**

**Functional Language**

1. Choose the correct preposition.
   1. Let’s look **on** / **to** / **at** the sales figures for Japan.
   2. What’s that in terms **about** / **of** / **in** money?
   3. According **for** / **by** / **to** the survey, green food is becoming more important.
   4. How does this compare **for** / **with** / **of** last year’s results?
   5. This is **at** / **by** / **on** far the biggest growth.
   6. The main trend is **on** / **to** / **for** growth.
   7. Our product range has expanded **for** / **about** / **by** 20%.
   8. We have kept pace **with** / **in** / **on** new trends.

2. Complete the interview with the phrases in the box. Then listen and check.

<table>
<thead>
<tr>
<th>according to</th>
<th>fill us in</th>
<th>does this compare</th>
<th>of the findings</th>
<th>can you tell us</th>
<th>what’s that</th>
</tr>
</thead>
</table>

   I: Denmark has started monitoring the development of green technologies, services and goods by establishing new ‘green’ statistics. Could you ________ on the results of the latest survey?

   J: ________ our recent survey, green production has grown quite considerably in the last few years.

   I: ________ in terms of turnover?

   J: Roughly speaking, green production generated about US$ 43.5 billion in 2010. The export value of green products was about US$ 14 billion, which is about 10.4% of total exports.

   I: That’s impressive. How ________ to previous years?

   J: Well, between 2005 and 2010 the share of green exports went up by one percentage point every year.

   I: What ________ about the number of employees working in green production?

   J: One ________ of the survey is that about 8.5% of employees in Danish companies now work in this area.

**Pronunciation**

3. Say the phrases. Then listen and repeat.

   1. How does this compare to last year’s result?
   2. Could you fill us in on the latest trends?
   3. Can we look at the figures for each group?
   4. How do people feel about recycling?
   5. The main trend is that we’re selling more locally-sourced food.
   6. Respondents said that mainly wealthy people purchase organic food.
   7. What’s the result of the recent survey?
   8. The bottom line is that more people carshare.

**Grammar**

4. Complete the sentences with the active or passive form of the verbs in brackets.

   1. Healthy Meals is a Bristol company, which ________ organic meals to schools. (provide)
   2. I hope that more waste ________ in the future. (recycle)
   3. Our employees think that a lot ________ to save energy at work. (can / do)
   4. They ________ a few hours of their time every month to mend broken things. (donate)
   5. Last year, our company’s emissions ________ by 10%. (reduce)
   6. The vegetables ________ on our organic farm. (grow)
Lesson 4: Review

Vocabulary 1 Complete the texts with the words in the box.
bulbs energy bills environment farming heating insulation natural saving

Going Organic
Greenways, an environmental charity based in Shanghai, was set up in 1990 by a group of local residents worried about the impact of modern farming methods on the _______ 1. The idea was to promote green lifestyles, organic _______ 2 and healthier food. They invite people to experience a more _______ 3 way of life and help them learn to appreciate the planet's resources.

Saving Energy
There's a lot of potential for energy _______ 4 in your home, especially if you live in a cooler country. A great way is to install double-glazed windows and improve the _______ 5 in your house. Effective measures also include using more efficient light _______ 6 and household appliances. In offices and public buildings, better air-conditioning and _______ 7 systems can help reduce emissions and save energy. Some buildings have reduced their _______ 8 by over 20% after installing more efficient systems.

2 Look at the clues and find the words in the word search.

R E D U C E A N I W I
C O N S U M P T I O N
O F U E L H G A M E T
N O R G A N I C P A H
S I B C E P T H A R W
E W A S T E S A C T H
R W N U T J U R T E Y
V M A K S W T I N O D
V O N D O N A T E S N
R O T O F T E Y P I T
S U S T A I N A B L E

1 Gas, petrol and coal are types of _____.
2 _____ is an adjective to describe things in a town or city.
3 _____ farming uses natural processes.
4 It's a _____ organisation, so it doesn't make any profits.
5 When you give something for free you _____ something.
6 Over 60% of household _____ can be recycled.
7 I bought this table because it is made of wood from _____ forests.
8 Intensive farming has had a major _____ on the environment
9 Using energy-efficient appliances can _____ energy bills.
10 To lower carbon emissions we should reduce energy _____.

3 Write down five words or expressions from this unit which you find most useful. Try to make sentences with each of them.
Test yourself

Choose the correct answer. For every correct answer you score one point.

1. Many industries today _____ by strong competition.
   a) will be affected
   b) are affected
   c) were affected

2. These cars _____ in South Korea.
   a) made
   b) are made
   c) is made

3. My car broke down yesterday. At the moment _____.
   a) it was repaired.
   b) it’s repairing.
   c) it’s being repaired.

4. Olives _____ here on our farm since the 18th century.
   a) have been grown
   b) are grown
   c) are growing

5. Be careful with this cheese. It _____ for a long time.
   a) can’t keep
   b) can’t be kept
   c) won’t kept

6. What organic foods _____ in your country?
   a) is produced
   b) produced
   c) are produced

7. Groceries are _____ sold in a shop.
   a) food products
   b) cosmetics
   c) office supplies

8. Our car park has recently been expanded to 250 _____.
   a) park places
   b) parking spaces
   c) park spaces

9. A site where waste is thrown away is called a _____.
   a) recycling place
   b) waste site
   c) landfill site

10. Another word for work together with someone is _____.
    a) collaborate
    b) compensate
    c) collect

11. We have several _____ machines in the cafeteria.
    a) selling
    b) vending
    c) purchasing

12. How do you try to _____ energy?
    a) safety
    b) safe
    c) save

13. _____ does NOT mean repair.
    a) handle
    b) fix
    c) mend

14. Urban means related to _____.
    a) the country
    b) a farm
    c) a town or city

15. The _____ line is that we need to be more energy efficient.
    a) end
    b) bottom
    c) final

16. Could you _____ on the latest developments?
    a) fill me in
    b) fill me up
    c) fill me

17. Roughly _____, we have reduced carbon emissions by 10%.
    a) spoken
    b) speaking
    c) said

18. People _____ food to the homeless.
    a) collect
    b) spend
    c) donate

19. We throw _____ too many things which could be repaired.
    a) on
    b) off
    c) away

20. 50% of the _____ wrote that they preferred fair trade products.
    a) responding
    b) respondents
    c) responses

Score: [ ] / 20 points