^{Unit} 2 The world around us

Vocabulary 1

► Going green

Look at the phrases in purple. Match some of them with pictures 1–4.

share car journeys • recycle packaging • save water • take care of natural resources •
compost food waste • install solar panels • use rechargeable batteries •
insulate windows • turn off lights • buy second-hand clothes



2 ◀Ŋ115 Listen and repeat.

- Complete the sentences with some of the words or phrases in exercise 1.
 - 1. We're going to ... the windows in my bedroom, so I won't be so cold in winter.
 - 2. Remember to ... the lights when you leave the room.
 - 3. Our neighbours ... their food instead of throwing it away.
 - 4. I prefer to ... clothes rather than buying new ones.
 - 5. If you ... batteries, you protect the environment.

Order the letters to complete the questionnaire. Then answer the questions with the information in purple.

15% • £1000 • plastic • 180 million

- 1. Sharing ... (rac ynjuroes) is cheaper than having your own car. How much money can you save every year?
- 2. Which type of packaging is it most difficult to ... (lyercce)?

- 3. Not enough people use ... (grecbleearha tabseteri) in their electronic equipment. What percentage of batteries sold in the UK are rechargeable?
- 4. Installing ... (ralos naslep) is an environmentallyfriendly way to generate energy. How many square metres of them are there in the world?
- S Listen to Rachel and David. What do they think is the best way of saving resources?
- **Work in pairs. Ask and answer about** the activities in exercise 1 as in the example.



Reading 1

Read the text quickly. Who started Friends of the Earth?

Friends of the Earth

People first started to worry seriously about environmental issues like the greenhouse effect and global warming in the 1960s. The industrialized

- countries needed cheap electrical power, and nuclear power was the easiest way of getting it. A well-known American nature lover called David Brower was opposed to nuclear power. He started a pressure group of anti-nuclear activists in 1969 to make the
- government change its policy. He called his group Friends of the Earth.

Brower and his friends were soon joined by anti-nuclear activists from France, Sweden and



(3) ◀))¹¹⁷ Read again and listen. Check your answer to exercise 7.

Sead the text again. Are the statements true, false or not mentioned?

- 1. David Brower started Friends of the Earth to urge people to recycle.
- 2. Originally an American group, it became an international group in the 70s.

- England. Very soon, Friends of the Earth became an international movement to make the world a healthier and happier place. Some of their members have given lectures all over the world on how to take care of natural resources, how to recycle packaging and how to compost food waste.
 - Since that time, Friends of the Earth has continued to grow. It is now a huge international network of pressure groups with the headquarters in Amsterdam. There are 5,000 local groups in 76 countries, with
- two million supporters.
- Local Friends of the Earth groups campaign about any environmental problems that affect their area, for example recycling rubbish, saving fresh water or any possible ecological disasters. They have joined national and international campaigns about global problems like climate change, energy conservation
- and protecting biodiversity. All Friends of the Earth groups are democratic organizations. They must not be connected with any political or religious organizations.

WORD CHECK

- issues
- nuclear power
- headquartersresources
- resources

The ultimate aim of Friends of the Earth is to make the world more equal and sustainable. It also campaigns to change the global economy so that it works for everybody, not just for the richest countries.

- **3.** Friends of the Earth has two million supporters in the UK.
- 4. The organization is now more interested in energy conservation than in opposing nuclear power.
- 5. Some of the groups have connections with the church.

Grammar 1

Present perfect

present perfect

For years, some of their members have given lectures all over the world.

Since that time, Friends of the Earth has continued to grow.

How long have they given lectures all over the world?

Look at the sentences in the table. Complete the rules with the words in purple.

since • how long • for

- a. We use ... + present perfect to ask about the duration of the action.
- b. We use ... to talk about a period of time.
- c. We use ... to talk about a point in time.

Complete the sentences with the present perfect form of the verbs in brackets.

It's Go Green Week, so today I *have walked* (walk) to school instead of taking the bus.

- 1. My neighbours ... (not recycle) much for the past two years. Actually, they always throw away a lot of rubbish!
- 2. My friend Maggie ... (be) rubbish-free for a month and she is really happy because she can make a real difference.
- ... John ... (turn off) the lights? We mustn't waste energy.
- 4. Many people ... (work) in the local recycling depot since it opened in 2009.

3 Complete the sentences with *for* or *since*.

We've had our blog *for* six months.

- 1. I have learned a lot ... I started this project in May.
- 2. They have grown their own vegetables ... two years.
- 3. Anna has tried to recycle more ... last month.
- 4. Mark has known about the project ... three days.
- 5. I've been cycling to work ... January.

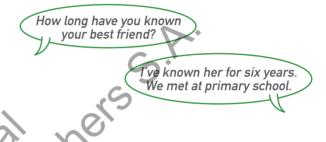
4 Write questions. Use *How long* ...?

you / know / your best friend?

How long have you known your best friend?

- 1. you / be / at this school?
- 2. you / have / this book?
- 3. you / know / about recycling?
- 4. you / live / in your house?
- 5. you / practise / hockey?

Work in pairs. Ask and answer the questions in exercise 4. Use for and since.



LOOK!

We often use the present perfect with *just, still, already* and *yet.*

Dave and Rosie have just been on a course. They have already recycled various items. The Reids haven't opened their second-hand clothes shop yet. The Reids still haven't opened their second-hand

clothes shop.

6 Write sentences using the words given and the ones in brackets in the correct place.

John / speak / his girlfriend twice today. (already)

John has already spoken to his girlfriend twice today.

- 1. Martin / not / use / his new computer. (yet)
- 2. Our teacher / write / new vocabulary / board. (just)
- 3. They / not / install / a new depot in this city. (still)
- 4. A Simon and Sue / wake up? (already)
 - **B** No, they / not / wake up. (yet)
- 5. Maggie / win / an important tennis match. (just)



× sort out the rubbish

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D UPGRADE

Read the text and choose the correct answers.

000

<mark>BRIAN GOES GR</mark>

Hi, friends. How are you all? I have (1) ... very good news! I have made an important decision (2) ... I have made up my mind to go green. I have (3) ... done a course online about how to recycte packaging and my sister is teaching me to cook using as (4) ... energy as possible. Besides, my next-door neighbour (5) ... me a lift to work, so we share the car journey! Trying to do (6) ... for the environment (7) ... me great satisfaction. I will go on! Why don't you go green too?

Comments 24

	Α	В	С
1.	а	any	some
2.	last week	next week	this week
3.	yet	already	still
4.	little	many	some
5.	usually gives	have given	has made
6.	something	anything	nothing
7.	didn't give	has given	have given

Listening

Green teenagers



Look at the picture. What do you think Lisa and Simon are talking about?

2 1018 Listen and check your answer to exercise 8.

● ■ Listen again. Are the statements true or false? Correct the false statements.

- 1. Simon thinks that teenagers today are really interested in the environment.
- 2. He says that teenagers at school have not participated in demonstrations.
- 3. Simon thinks that teenagers should only be studying in libraries or at home.
- 4. Lisa thinks that politicians are doing little to help the environment.
- 5. She adds that most countries should start banning protests.
- **6.** Lisa wants protesters to remain calm during demonstrations.
- 7. Simon believes that protesters create trouble.

Vocabulary 2

The environment

 Look at the words and phrases in purple. Match some of them with pictures 1-4.

natural resources • greenhouse effect • environmentally-friendly places • car fumes • smog • water pollution • global warming • biodegradable material • ecological disaster









2 ◀୬^{1,19} Listen and repeat.

Complete the sentences with some of the words or phrases in exercise 1

- 1. Some countries are richer than others in their .
- Most companies are nowadays They use recyclable materials and don't allow their employees to smoke inside.
- 3. Plastic is not a ... but tissue paper is.
- 4. ... are a very important cause of air pollution.
- 5. ... very often causes the death of a great number of fish and this is a major

Order the words in bold.

- 1. How has lgboal mginwra affected your country?
- 2. Has the **rneshuoege ctfefe** had an impact on your city?
- 3. How nleylinaetvlormn fyreidnl is your school?
- 4. Do you remember reading about an geialocolc tdsareis in your town?
- 5. What tualnra euosrcers characterize your country?

Work in pairs. Ask and answer the questions in exercise 4.

Reading 2

Look at the picture and the title of the text. What do you think the building is for?

- a. Providing more places to live.
- b. Producing food for the city inhabitants.

FEEDING OUR CITIES

In the past, people lived mostly in villages near rivers. Gradually, villages expanded into towns. When the first factories opened, more and more people moved into big cities looking for job opportunities. Today, our cities are ecological nightmares. They use a lot of natural resources. Besides, nowadays, more people live in



cities than in the country, so one of the biggest problems is to provide food for everybody. Very few people grow food in cities and transportation costs are really high. Scientists have been aware of this problem for years and many have analyzed the situation carefully, but they still haven't found a solution.

Professor Dickson Despommier, of Columbia University in the USA, started investigating this issue some years ago. He believes that skyscrapers can be an interesting choice.

In fact, in many cities, people have already built vertical gardens, gardens that grow up walls. And Despommier takes the idea a step further. He wants to replace traditional skyscrapers with special skyscrapers that contain farms. Then the people living in these farm skyscrapers will grow crops, have chicken and even fish! Nobody has done this yet, but Despommier's certain that in these buildings, people will be able to recycle water and use solar energy. This will mean

many green cities with enough food and safe, clean water for their inhabitants.

Another great advantage of vertical farms is that they can help us fight the greenhouse effect, for they can keep our home insulated. Besides, they can exist not only in countries with severe

weather conditions such as Sweden, Iceland or India, but also in those densely populated ones such as China or Brazil. Vertical farms can definitely provide a practical solution to many of the world's great issues.

But what exactly has Despommier done? Although he has already designed a surprising prototype, he hasn't actually built a vertical farm yet, but he is sure he will succeed in doing so soon. He believes that we can make our cities more environmentally-friendly and greener places to live with very little effort.

WORD CHECK

- nightmares
- aware of
- issue
- skyscrapers

Read and listen. Check your answer to exercise 6.

8 Read the text again and answer the questions.

- 1. Do more people live in cities or in the country?
- 2. Why do you think food transportation is necessary?
- 3. From Despommier's point of view, what is the solution to the food problem?
- 4. What will vertical farms produce?
- 5. Where will the heat and electricity for these farms come from?
- 6. In your opinion, in what countries are these farms really necessary?

LOOK!

Suffixes transform the category of words. -ly transforms an adjective into an adverb: carefully, environmentally, etc.

Grammar 2

Contrast between past simple and present perfect

contrast between past simple and present perfect

In the past, people lived in villages near rivers. More and more people moved into big cities looking for job opportunities. In many cities, people have already built vertical gardens. But what exactly has Despommier done?

Sook at the sentences in the table. Complete the rules.

- a. We use the ... to talk about complete actions at a definite time in the past.
- **b.** We use the ... to talk about experiences or actions in the past when we don't mention the exact time.

Choose the sentence with the same meaning.

- 1. I've lived in Spain for ten years.
 - a. I live in Spain now.
 - **b.** I don't live in Spain now.
- 2. I lived in France for ten years.
 - a. I live in France now.
 - b. I don't live in France now.

- 3. He's had his computer for two weeks.
 - He got the computer two weeks ago and he has it now.
 - **b.** He owned a computer for two weeks but now he doesn't have one.
- 4. I read that book.
 - a. I finished it in the past.
 - **b.** I did this at an indefinite time in the past.

Complete the text with the correct form of the verbs in brackets. Use the past simple or the present perfect.

My friend Suzy is really green. She *has recycled* (recycle) as much as possible for years. Last year, she (1) ... (write) a great article for the school magazine about recycling. Since then, the students (2) ... (try) to recycle all the paper and plastic we use at school. We (3) ... (not throw away) any paper since then! For the past year, Suzy (4) ... (buy) green presents for everyone. For my last birthday, she (5) ... (buy) me some organic chocolate and a Fairtrade T-shirt. The chocolate (6) ... (be) delicious and I (7) ... (wear) the T-shirt a lot since I got it. I (8) ... (wear) it last week to a party and everyone (9) ... (think) it was great. I'm going to try and be greener this year, like Suzy!

PRONUNCIATION The sound /A/ in past participles

A. Which of these verbs have the $/_{\Lambda}$ sound?

begun
sung
done
drunk
swum

- **B. ()**^{1,21} Listen and check your answers.
- Work in pairs. Ask and answer questions as in the example.

Have you ever travelled abroad?

Yes, I have. I travelled to the USA last year.

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Speaking

Priorities

Listen again and check your answers to exercise 1.

3 ◄*\)*^{1.22} Listen again and complete the dialogue.



📌 Speaking Task

5 Prepare a dialogue between you and a friend.

STEP 1

Choose one of the lists below or use your own ideas.

List 1

- Save water (wash our clothes less, keep our drinking water in the fridge)
- Use clean transport
- Save energy

- List 2 • Save resources (mend old clothes, use rechargeable batteries)
- Jurn off lights
 Recycle packaging

STEP 2

Think about what you and your friend say. For me, the most important thing is recycling. / I think recycling is more important than saving energy. / I think saving energy is as important as recycling. / I'd rather use the computer less than watch less TV.

STEP 3

P Work in pairs. Take turns to act out the dialogue.

Writing

Man opinion essay

I Read the text and order the words in bold.



Recycling should be compulsory. Do you agree?

 At present, recycling is not ryatobolig in most countries. Consequently, many people do not elccery at all. In my opinion, compulsory recycling is better for the environment.

Firstly, people **ropdeuc** more rubbish now than in the past because we use more packaging. What's more, most of this packaging is dangerous for **effidlwi**.

Secondly, many people don't recycle because they are too **yzal**. In some British cities, recycling is compulsory. As a result, recycling has increased dramatically and local councils spend less on landfills. This experience has already demonstrated that obligatory recycling produces **ogdo** results.

In conclusion, I believe compulsory recycling is better for the environment. Furthermore, it is also cheaper for local councils.

🕖 Read again and answer the questions.

- 1. Why do people produce more rubbish now?
- 2. Why don't people recycle?
- 3. Is recycling compulsory in all cities in England?

LOOK!

Linkers of addition and result:

We use more packaging now. What's more, most of this packaging is dangerous for wildlife.

Compulsory recycling is better for the environment. Furthermore, it is also cheaper for local councils. Recycling is not obligatory. Consequently, many people do not recycle at all.

In some cities, recycling is compulsory. As a result, recycling has increased dramatically.

8 Choose the correct words.

In Switzerland, people pay for each bag of rubbish. (1) What's more, / As a result, they throw away less rubbish. (2) What's more, / Consequently, some local councils have made recycling free. (3) Furthermore, / Consequently, people recycle more. (4) As a result, / Furthermore, the Swiss recycle 90% of their glass waste.

Writing Task

🚺 Plan

People should pay for each bag of rubbish they throw away. Do you agree? Decide your opinion, make notes and include: Introduction: the present situation, introduce your general opinion Main paragraph: arguments to support your opinion Conclusion: summary of your opinion

2 Write

Use the text, your notes and this structure: Paragraph 1: Introduction Paragraph 2: Main paragraph Paragraph 3: Conclusion

3 Check

- present perfect
- saving environmental resources, prefixes
- linkers of addition and result





WHAT IS FREECYCLE®?

The Freecycle Network is an online community where people give and get things for free. It is a non-profit group and it's free to join. Its aim is for people to reuse things in order to reduce rubbish and improve the environment.

History

On 1st May 2003, Deron Beal started The Freecycle Network in Tucson, Arizona (USA). Deron worked for a small recycling organization. They were often given unwanted items and Deron used to drive around the area offering them to local non-profit groups. He thought there had to be a better way of informing people what was available, so he set up the first email group. Since then, it has spread to over 100 countries around the world. Today, there are thousands of groups and millions of members.

How to use Freecycle

Find your local group online and join. Before buying anything new, check if anyone in the group wants to give away that item. Before you throw anything away, offer it to your Freecycle group. Post your offer or request online. Arrange with the other person when to collect it. It's that simple!



Read the title and look at the picture. What do you think Freecycle is?

- 1. Do you have to pay to join Freecycle?
- 2. How long has the network existed?
- 3. How many members are there today?
- Before you throw anything away, what should you do?

ABOUT YOU Is there a green organization in your area? What do you know about it?



Investigate other famous green organizations in the world such as Greenpeace. Take down as much information as you can and then share it with your classmates.

Progress check

Going green

2. save

buy
 use

Match verbs 1–6 with words or phrases a–f.

- 1. install
 - **b.** solar panels
 - c. rechargeable batteries

a. lights

- d. second-hand clothes
- 5. recycle e.
- 6. turn off
- e. water f. packaging
- The environment

Complete the sentences with some of the words or phrases in purple.

natural resources • greenhouse effect • environmentally-friendly place • car fumes • water pollution • smog • global warming • biodegradable material • ecological disasters

- 1. I can see the ... that covers the city when I open my bedroom window every morning.
- 2. Oil and gas are
- We have organized a campaign to make our school an
- ... is a clear sign that something is wrong with our planet!
- 5. You should take the car to the mechanic. The ... are polluting the neighbourhood!
- 6. In the past, the ... in the River Thames killed hundreds of fish.

Present perfect

3 Write what Billy Mercury has/hasn't done yet.

- 555555555
- Buy a new tablet
- Phone my aunt in Madrid
- Try on my new pair of trousers
- Become a member of Greenpeace
- Study for the German exam

Tanaandadaaaaadaa

- @ Do the maths homework
- Choose Mum's birthday present
- Invite Tom to the party

Contrast between past simple and present perfect

Complete the story with the verbs in purple. Write them in the past simple or the present perfect.

not get • be • record • visit • form • become • not meet • study

Melina Thompson (1) ... born in 1989 into a middle class English family. She (2) ... in a small school in Sussex and as a teenager she (3) ... her own band. She loved singing and playing the electric guitar. Soon she (4) ... locally famous.

Now she enjoys international prestige and spends long hours at the most luxurious hotels in the world. She (5) ... more than ten albums and (6) ...the most important capital cities. She (7) ... any president or Prime Ministers yet, but she will meet the Queen next month!

Melina is in love, but she (8) ... married yet. She is planning to do so at the end of November and she will surely give a fantastic party!

Integration

Choose the correct words.

WWF is one of the most famous environmental organizations in the world. It has existed (1) **since** / **for** 1961, when a group of scientists, naturalists, businessmen and political leaders (2) **started** / **have started** the organization. The first office (3) **was** / **has been** in Switzerland. Over five million people have (4) **already joined** / **still joined** and together they (5) **achieved** / **have achieved** many things.



It (6) **supports** / **is supporting** about 1,300 conservation and environmental projects around the world. In fact, (7) **for** / **since** 1985, WWF (8) **was investing** / **has invested** over \$1.165 billion in more than 11,000 projects in 130 countries.

Revision 1

Vocabulary

STAR'

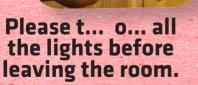
When you m... h..., you always leave some memories behind. Tom is really w... a... the result he got in his first exam.

We have i... all our walls and now it's much warmer inside our house.



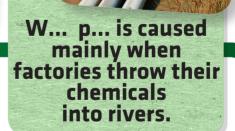
At school, they teach us to

Kelly has d... a... flying to Africa for her next holidays.





C... f... pollute the environment and are really bad for asthmatic people.





Some supermarkets are using b... materials for their shopping bags.

S... is the clearest example of air pollution.

DAILY TODAY

Reading

🕕 Read the title and the introduction. Answer the questions in it.

Think before buying

What do you usually think about when you make up your mind to buy a certain product? Do you ever think about the manufacturing process? Do you consider green and ethical issues such as water pollution or child labour?

R ecently, many businesses have tried to go be environmentally friendly. When we buy a product, most of us try to buy things we can recycle or we buy organic food, but there are many other aspects that we should consider. For example, when we buy electronic equipment, we should consider if the company protects the environment, if they produce water pollution, if they use child or slave labour, etc. This is called fair trade' and the truth is that we don't pay much attention to all this or we never get to know how a certain product is manufactured. Fair trade is an organized social movement that aims to help producers in developing countries to make better trading conditions and promote sustainability. It defends the payment of a higher price to exporters, focusing in particular on exports from developing countries to developed countries, most notably handicrafts, coffee, cocoa, sugar, tea, bananas, honey, cotton, wine, fresh fruit, chocolate, flowers and gold.

In this respect, in 2012, a leading cigarette company admitted that at least 72 children were working on their tobacco farms and some were as young as ten years old. Similarly, the greatest chocolate companies are the world's leading buyers of cocoa from the lvory Coast, where child and slave labour are everyday issues. But not everything is bad news. It is really rewarding to read that Philips Electronics develops more than 25% of their products in a green way. Another example is IBM. This American multinational company has made a great contribution for a greener world. It has successfully cut its electricity consumption by 5.1 billion kilowatts between 1990 and 2000. Another clear example is the Japanese car giant Honda. It has reduced CO_2 emissions from its factories as well as its vehicles by 5% in the last years – on top of the 5% it achieved between 2000 and 2005.

So next time you buy something, just take a few minutes to think about what happens before that product gets to the shops.

Read the article. Are the statements true, false or not mentioned?

- 1. People agree that it is sometimes difficult to be environmentally friendly.
- 2. Most companies that protect the environment are in Africa.
- 3. Fair trade aims to help producers only in developed countries.
- 4. Child labour started in Asia in the 19th century.
- 5. Some companies are trying to reduce CO_2 emissions from their factories.

Grammar

60 Complete the sentences with the correct form of the verbs in brackets.

1. What ... your brother ... (do) when I phoned you last night? I could hear him shouting.

- 2. Where ... you ... (spend) your next summer holidays?
- 3. ... you usually ... (go) to the same place to camp?
- 4. We ... (not have) a good time last year because it rained every single day.
- 5. I'm sorry. We're pretty busy at the moment. We ... (write) a report for school.

Ohoose the correct words.

- My sister hasn't done / doing her homework yet. She'll do it this evening.
- 2. Alison has yet / already finished six exercises. She still has to do three more.
- 3. Have you already studied / yet study for tomorrow's test?
- 4. The Browns still haven't / haven't yet changed their car.
- 5. Who has just left / lived the house?
- 6. Where have you be / been?
- 7. Nobody has found out the truth yet / still.

• Complete the sentences with some of the verbs in purple in the correct form.

lend • go • be • do • speak • drive • tell • not go • see • meet

- 1. I ... to school when I was three. I started when I was four.
- 2. ... you ever ... a fast car?
- 3. ... Peter ... you about his plans to get married?
- 4. When ... you last ... Zack?
- 5. I ... never ... abroad, but I know the most important cities in my country.
- 6. When was the last time your sister ... you money?
- 7. She ... already ... her English homework.
- 8. We ... to the shopping centre last Friday.

Listening

- Isten to an expert and tick (1) the correct sentence.
 - a. He is talking about some animal species.
 - He is talking about the consequences of global warming.

🕖 🜒 1.24 Listen again and answer the questions.

- 1. Where is the climate changing?
- 2. What is the main consequence of global warming?
- 3. What is happening at the North and South Pole?
- 4. What happens if animals don't adapt to the changes?
- 5. Where did a polar bear die in captivity?
- 6. Why have we cut down a lot of trees?
- 7. What has happened to the bird species living in those trees?

Collaborative Task

1 IDEAS

Think about ways your school/town can become more environmentally friendly and save resources. Think about electricity, gas, water, etc.

2 GROUP WORK

Share your ideas with your classmates.

- Which ideas does everyone like?
- Which would be the easiest to introduce? Why?
- What can students do to help?
- Who else can help you put your project into practice?

3 WRITING

Choose the best ideas and make notes. Then organize them into paragraphs. You may give each paragraph a title. Make sure you get pictures to illustrate your work.

4 PRESENTATION

Check your writing paying special attention to spelling, punctuation and linkers. Try to avoid unnecessary repetitions. Make a poster and show it to your class.