

ENGLISH

Chapter 15


4th
SECONDARY

ENVIRONMENT



 **SACO OLIVEROS**



- 2**  **33** Check the meaning of the words in the box. Try to guess which materials complete the text. Then listen and check.

aluminum bamboo brick cardboard
concrete denim foam iron leather
nylon rubber sand steel
stone/rock styrofoam





Keep your plastic out of the ocean!

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Marine pollution is a huge problem. There are 18,000 pieces of plastic trash per square kilometer of our oceans and every year 100,000 turtles, dolphins, whales, seals and other marine animals are killed by it. Over 80% of turtles are affected by marine trash.

How long does it take trash to break down in the ocean?

- 1 cardboard boxes: three months – five years
Plastic bags: 10–20 years
- 2 leather shoes: 25–40 years
- 3 styrofoam cups: 50 years
- 4 aluminum cans: 200 years
Plastic bottles: 450 years
- 5 nylon fishing nets: over 600 years
Glass bottles: 1,000,000 years

When these things do break down, they can be eaten by fish – and then we eat the fish.



- 3** What do you have or can you see that is made of the materials in exercise 2?

Nouns as adjectives

Materials can often be used as adjectives.

*This bag is made of **plastic**.* (noun)

*It's a **plastic** bag.* (noun as adjective)

4 Rewrite the sentences using the nouns as adjectives.

- 1 My jacket is made of leather. *It's a ... leather jacket.*
- 2 These cans are aluminum. *They're aluminum cans.*
- 3 The sculpture is made of stone. *It's a stone sculpture.*
- 4 The nets are nylon. *They're nylon nets.*
- 5 The cushion is foam. *It's a foam cushion.*

2  Watch the video.

5

Real-world speaking

3 Complete the dialogue with the words in the box. Watch again and check.

quality recycled thinking waste

Laura

I need a new cell phone. Do you know if there are any eco-friendly ones?

Marta

Let's see ... These two are more eco-friendly than most phones.

Laura

Why's that?

Marta

Well, this one creates less 1 waste . The case is made of recycled plastic and it's easy to repair.

Laura

That's great! So it lasts longer than most phones. What about the other one?

Marta

It also uses 2 recycled materials, but you can't repair it easily.

Laura

What about 3 quality ? Are other smartphones better than these two?

Marta

I'd say they're as good as most smartphones. The camera on this one is great. It lets you take amazing photos, even at night.

Laura

Sounds good.

Marta

How much are you 4 thinking of spending?

Laura

Oh, the cheaper, the better!

Marta

I'd get the second one, then. Not only is it green, but it's also a great deal.

Unit 5

The passive voice

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1

Reinforcement

Complete the table with the words in bold.

	Active	Passive
<u>Simple present</u>	<i>save</i>	<i>are recycled</i>
<u>Simple past</u>	<i>planted</i>	<i>were planted</i>
<u>Future with will</u>	<i>will provide</i>	<i>will be polluted</i>
<u>Future with be going to</u>	<i>are going to ban</i>	<i>are going to be built</i>

- 1 We save water by taking showers, not baths.
- 2 Glass bottles are recycled all over the world.
- 3 Are they going to ban plastic bottles?
- 4 They planted 100 trees in the park last year.
- 5 The trees were planted to reduce pollution.
- 6 How many wind farms are going to be built in the next 10 years?
- 7 They will provide electricity for a lot of homes.
- 8 How many rivers will be polluted next year?

2 Reinforcement Circle the correct option.

- 1 These bags **is made**/**are made** of plastic.
- 2 The company **recycles**/**is recycled** old plastic bags.
- 3 We are going **to mend**/**to be mended** more clothes in the future.
- 4 Fewer old clothes **will be thrown**/**throw** away.
- 5 The amount of trash that **collected**/**was collected** from the ocean increased last year.
- 6 Last year, we **removed**/**were removed** more trash from the ocean.

3 **Challenge** Complete the passive voice sentences.

- 1 People borrowed over 100 books from this library last week.

Over 100 books were borrowed from this library last week.

- 2 This factory makes paper from old clothes.

Paper is made from old clothes by this factory.

- 3 They use a lot of water to make paper.

A lot of water is used to make paper.

- 4 They are going to move the factory to a different place.

The factory is going to be moved to a different place .

- 5 They will build a new road.

A new road will be built .

- 6 Environmental groups will organize protests.

Protests will be organised by environmental groups .

4 Challenge Complete the text with the verbs in parentheses in the active or passive voice.

In the early 20th century, horse-drawn vehicles **1** (...) **(replace)** by motor transportation such as cars and trucks. These days, horses **2** (...) **(use)** mainly for sports and leisure. The future will bring other changes. We **3** (...) **(not give up)** our cars, but they **4** (...) **(control)** by computers and the power **5** (...) **(come)** from renewable energy. So pollution **6** (...) **(reduce)** and the environment will improve.



5

Reinforcement

Circle the correct option.

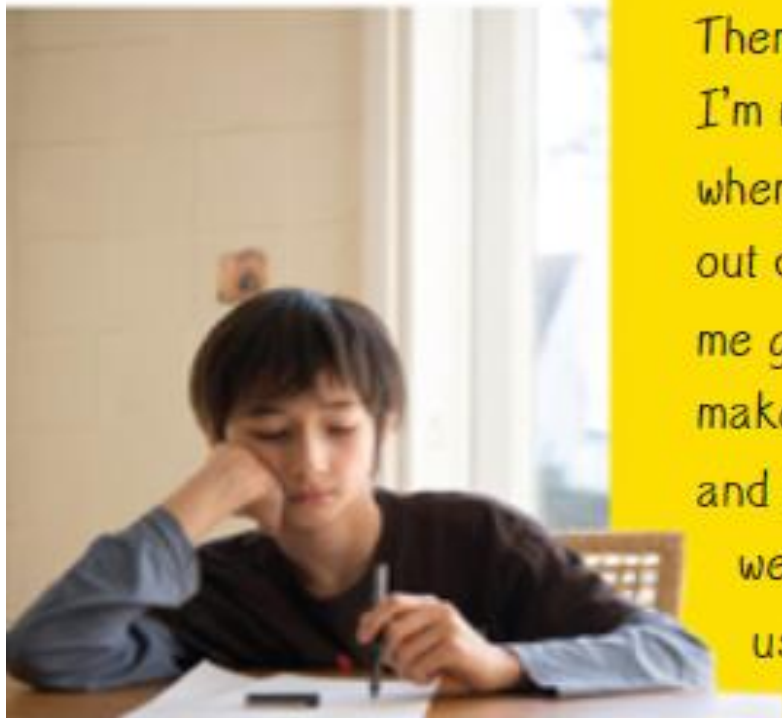
Choose a smiley face 😊, a neutral face 😐 or an unhappy face ☹️ to show what you think.



Homework

- 1 My parents don't **let/make** me play loud music.
- 2 My parents **let /make** me stay out until midnight on Saturdays.
- 3 My parents **let/make** me clean my room every week.
- 4 Our teacher **lets/makes** us take a test every week.
- 5 Our teacher doesn't **let/make** us use our phones in class.
- 6 Our school **lets/makes** us recycle all our paper.

Read Jason's diary entry. He wrote it three years ago when he was 12.



There are a lot of rules in my house. I'm not allowed to use the internet whenever I like. My parents let me go out during the week, but they make me go to bed at nine o'clock. They make me do homework every night and they don't let me leave it until the weekend. They don't allow me to use my phone at the dinner table.

Jason is now 15. Complete his description of his life when he was 12.

There were a lot of rules in my house. I **1** (...) use the internet whenever I liked. My parents **2** (...) me go out during the week, but they **3** (...) me go to bed at nine o'clock. They **4** (...) me do homework every night and they **5** (...) me leave it until the weekend. I **6** (...) to use my phone at the dinner table.

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Challenge

Write questions and answers about Jason's life when he was 12. Use the verbs in the box.

allow let make