

Learning Well

Student's Book

4



with **Digital Student's Book**

1  **8.01 Listen and look.**

- 1 What do you hear?
- 2 What do you see?
- 3 What's happening?
- 4 What makes you say that?

2  **Talk about you.**

- 1 What technology do you use?
- 2 What new technologies do you think you'll use in the future?

Look! What can you see?



- 1 solar power
- 2 wind power
- 3 skyscraper
- 4 internet
- 5 drone
- 6 satellite
- 7 Wi-Fi
- 8 electric car
- 9 electricity
- 10 smartphone
- 11 app
- 12 screen

- 1 8.02 Listen, point, and say.
- 2 8.03 Listen, move, and sing.

Sunshine Tower

*In the Sunshine Tower,
We're connected day and night.
Messages come by satellite.
In the Sunshine Tower,
Every minute, every hour,
We're making energy from solar power.*

We're at Sunshine Tower, and we're looking down.
We can see electric cars driving 'round the town.
Now we're using a new app on our smartphone.
Flying in the air is a solar-powered drone.

Chorus

- 3 **Team Time** Take turns describing and guessing the technology words.

- 1 8.04 Listen and look. Where does Emma want to live?

Erin: Thank you for helping, everyone. I think a lot of people will come to the Young Inventors Fair.
Emma: Yes, but I don't have an idea for an invention yet.
Adam: Erin, do people live in Sunshine Tower?
Erin: No, they don't. A lot of engineers and scientists work there.



Emma: I want to live in a skyscraper.
Adam: I think most people will live in skyscrapers in the future. They'll have clothes with wings so they can fly down.
Emma: Well, I won't have clothes with wings because that's too scary. I'll have a flying car.

- 2 8.05 Listen, read, and repeat. Then circle *will* and *won't* in Activity 1.

Future Predictions with will

In the future, people **will** live in skyscrapers.
In the future, people **won't** have clothes with wings.
In the future, electric cars **will** fly.

Look
I'll = I will
they'll = they will
won't = will not



- 3 8.06 Listen and complete the sentences.

- 1 Robots _____ be dangerous.
- 2 Robots _____ make our lives easier.
- 3 People _____ work so much.
- 4 Robots _____ do all the jobs.

- 4 **Team Time** Talk about the future.

People will have apps in their heads.

Yes, I agree. Then we won't need smartphones.



Before You Read

1 Look at the pictures. How does Emma feel about her ideas?

2 8.07 Listen and repeat. Then circle the words in the story.

when wheels hour white

3 8.08 Listen and read. Which two inventions use computers?

A Great Idea

1 The friends were thinking of ideas for the Young Inventors Fair.

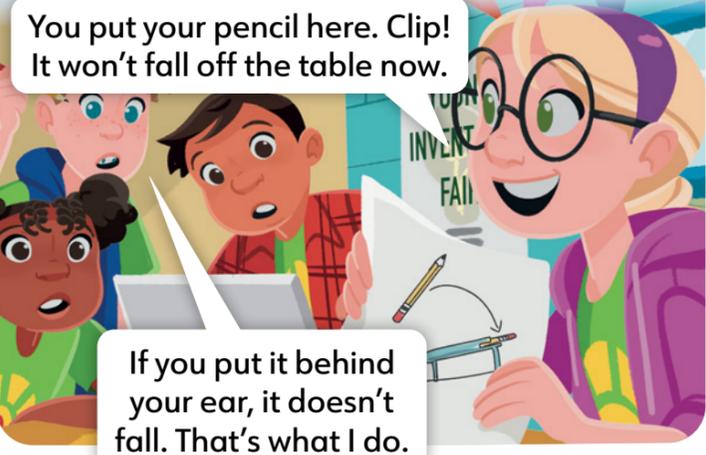
I have an idea for a bike. You ride it in a bubble to stay safe and dry.



3 Emma drew her new idea.

You put your pencil here. Clip! It won't fall off the table now.

If you put it behind your ear, it doesn't fall. That's what I do.



2 Emma didn't like her idea for a bike anymore.

I always drop my pencil.



The Chef Mobile! When you arrive home, your dinner's ready.

4 Emma changed her mind a lot.

Hmm. I'm good at ideas, but I'm not good at finishing them.



I've invented a dictionary translator computer pen. You turn the top to choose the language.

5 Emma had another idea.

I need to concentrate on one idea until I finish it.



This is my intelligent T-shirt. It's white, but it changes color when you press the button.

7 In June, the friends went to the Young Inventors Fair at the Sunshine Tower.

All the ideas are very good, but the solar power hat is the most interesting. We made one.



Thank you. I can have good ideas when I concentrate!

6 Emma took time to think and worked hard for more than half an hour.

Look! This is a solar power hat. It makes energy to move wheels in your shoes. When you want to stop, you take your hat off.



8 The engineers put the hat on Emma.

Will I go fast? Ooh, yes, I will!



Good job, Emma!

After You Read

4 Watch the video. Act out the story.

5 Find the words in the story. Complete. Use a silent h word.

- 1 _____ you arrive home, your dinner's ready.
- 2 It's _____, but it changes color when you press the button.
- 3 Emma took time to think and worked hard for more than half an _____.
- 4 It makes energy to move _____ in your shoes.



1 Read the story again. Match the invention to the character.

Chef Mobile

Dictionary Pen

Pencil Clip

Intelligent T-Shirt



2 Write True or False.

- 1 At the beginning, Emma changed her mind a lot. _____
- 2 In May, the friends went to the Young Inventors Fair. _____
- 3 The engineers thought the solar power hat was boring. _____
- 4 The engineers put the T-shirt on Emma. _____
- 5 The engineers made a solar power hat. _____

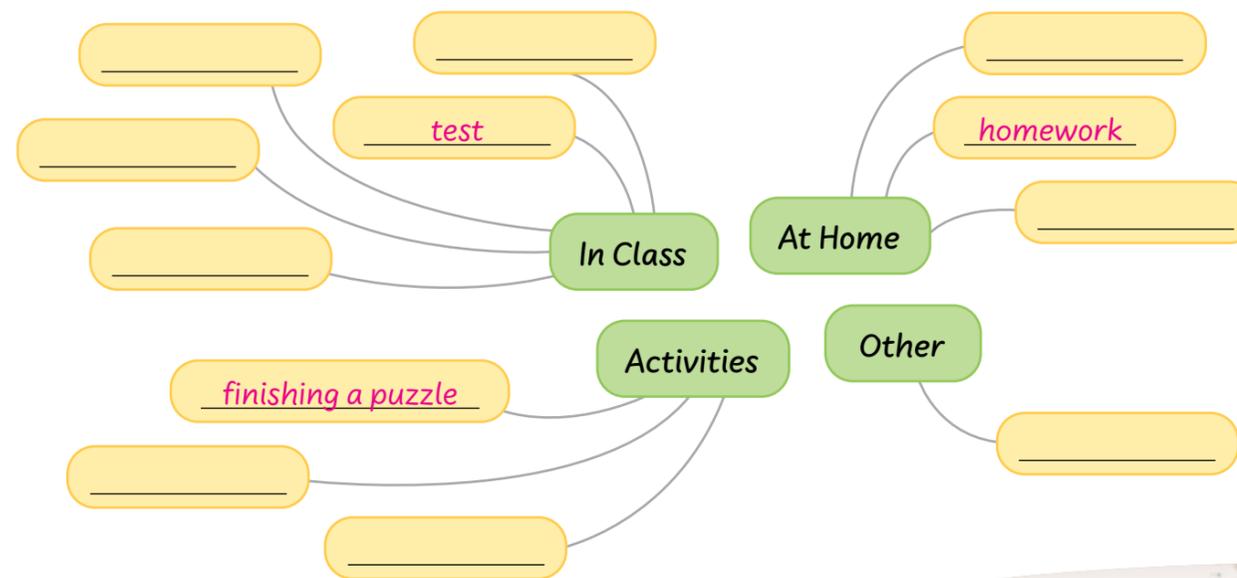
3 Number Emma's thoughts in order.

- taking time to concentrate on one idea until she finished it
- a bike in a bubble
- a solar power hat that moves wheels
- a clip for a pencil

4 Why did Emma's last idea work out well? Write.

5 Think and write. Complete the mind map.

When have you concentrated to finish something that you started?



6 Think and write.

How do you feel when you finish what you start?

How do you feel when you can't finish what you start?



7 **Talk Partners** You tried to finish something, but you are having a hard time. What can you do?

I can't finish my math homework. It's so frustrating!

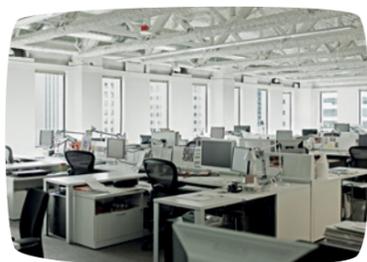
Can you ask your parents for help?

SEL Go to Wellness Book pages 38-43

1 8.09 Listen and say. 8.10 Then listen and number.



stadium



office



apartment



university



factory



gym

2 Read and complete the text. Use words from Activity 1.

My 1 _____ is small, but it's on the tenth floor, so I have a great view of the city from my living room.

I like to be healthy, so I go to the 2 _____ twice a week.

My dad's an architect. He works in an 3 _____ with ten other people.

My uncle works with robots in a 4 _____ where they make cars.

I really enjoyed the soccer match last week. The 5 _____ was full. There were about 60,000 people.

3 **Talk Partners** Describe and guess. Use words from Activity 1.

It's a place where you go to exercise.

A gym!

1 8.11 Watch and listen. Move and sing.

Your Future

Will you play in a stadium?
Will people clap and cheer?
Will you build a big factory,
Where robots work all year?

Yes, I will. No, I won't.
No, I won't. Yes, I will.
What's in the future?
I can't tell.

Will you go to a university?
Will there be a gym nearby?
Will you fly to your office
From your apartment in the sky?

Chorus



2 8.12 Listen, read, and repeat. Then underline *will* and *won't* in Activity 1.

Questions with will

Will you play in a stadium? Yes, I will.
Will she go to a university? Yes, she will.
Will they work in offices? No, they won't.

3 Look at the pictures. Write questions about the future.



Will people live for 200 years?

4 **Talk Partners** Imagine your life in 2050. Talk about your future.

job home family pets
sports and exercise

Will you live in an apartment?

Yes, I will.



- 1 Look at the pictures. Which buildings are made from plants?
- 2 8.13 Listen and read. What different shapes do buildings come in?

A World of BUILDINGS

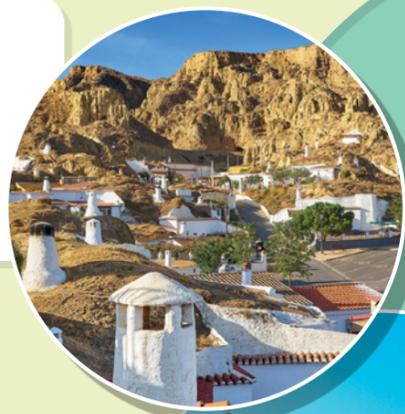
All around the world, humans have made buildings to **suit**, or fit, the local environment. Sometimes, this means people need to get very inventive!

Travel to Guadix in the south of Spain, and you can visit the Barrio de Cuevas, the neighborhood of caves. For hundreds of years, people in Guadix have lived in homes dug out of the ground. Being underground is a good way to escape the heat. The houses are cool in the summer and warm in the winter.

Visit Santorini, Greece, and you'll find villages built on steep volcanic slopes. Some houses are caves cut out of volcanic rock. Others use volcanic rock and earth for building **materials**. In a traditional house, the living room is at the front to get sunlight, while the bedrooms are at the back where it is darker. The island is very dry, so houses have tanks for collecting rainwater.

The Green School in Bali, Indonesia, isn't just **surrounded** by plants. It uses them for its buildings! The school makes use of a local, natural material: bamboo. The bamboo is specially **treated** so it won't **rot** or get eaten by insects. Treated this way, bamboo makes a strong building material. Best of all, bamboo is easily grown and doesn't harm the environment.

The Netherlands is a flat, **low-lying** country. Much of the land is below **sea level**. Throughout its history, the Netherlands has faced many floods. There isn't a lot of free space to build new houses. The solution? Build floating houses on water. If floods come or sea levels rise, the houses rise, too.



- 3 Read the text again. Then match the benefits to the buildings.

Benefits

- 1 cool in the summer
- 2 safer against floods and rising seas
- 3 made from a building material that can be grown
- 4 built to suit steep volcanic slopes

Buildings

- a Green School
- b Guadix cave house
- c Netherlands floating house
- d Santorini house



Why do buildings need to suit their environment?

- 4 8.14 Listen to Alejandro from Colombia talk about an interesting way to build a house. Write.

What are two good things about shipping-container houses?



- 5 Watch the video. Then discuss.

- 1 Do they want to live under the sea? _____
- 2 Do they think there will be houses on the moon? _____
- 3 What sea creatures do they think would look at them in the underwater home? _____

- 6 Talk Partners Ask and answer. What interesting or different buildings are there where you live?

What building challenges do humans face in the future?

1 8.15 Listen and circle. What information does Kita's dad give her?

- the name of a drone a website an email address

2 8.15 Listen again and answer.

- 1 What does Kita want to find out about?
- 2 What three problems is Kita having with websites?
- 3 What spelling mistake does Kita make?
- 4 How does the address finish?



3 8.16 Watch or listen and say. Then practice in pairs.

A: Do you know any good websites about electric bikes?

B: Well, I know there's a site called futurevelectric.org.

A: Can you repeat that, please?

B: Yes. Futurevelectric.org.

A: Future.velectric.org.

B: No, that's wrong. There's no dot after future.

A: OK, and velectric is with a v. Is that correct?

B: Yes, that's right.



Asking for Clarification

- | | | |
|------------------------------|--------------------|----------------------------|
| Can you repeat that, please? | Is that correct? | No, that's wrong. It's ... |
| Did you say ...? | Yes, that's right. | |

4 **Talk Partners** Make new dialogues.



Do you know any good websites about football stadiums?



Yes, there's a site called ...

1 8.17 Listen and read. What do you like / not like about Raul's idea for a house?

blog.mymountainhouse

Lots of people sent great ideas for houses.

Here's one of our favorites:

My Mountain House

In my opinion, people in the future will live in places where they can't live at the moment. They will live underwater or in the sky. Also, I believe that all our electricity will come from solar power and that houses will turn with the sun.

My house will be circular. It will be on a lake on the south side of a mountain. I think that the weather in the future will be worse, so my house will be intelligent. It will go down into the lake when the weather is bad. It will have a huge bathroom with a glass floor so I can see the fish in the lake.

2 Read the article again.

Answer *True* or *False*.

- 1 The website writers had the idea for the house.
- 2 Raul's house is imaginary.
- 3 Raul's house will be rectangular.
- 4 Raul thinks the future will have better weather.
- 5 Raul likes fish.

Language to Express Opinions

Sometimes, we write a text to express our ideas and opinions. We can use expressions like *I think*, *In my opinion*, and *I believe*.

3 Read the article again. What language does Raul use to express his opinions about ...

- 1 where people will live in the future?
- 2 electricity in the future?
- 3 the weather in the future?

4 Plan and write an opinion article in your Workbook.



Your town is holding an architecture contest.
Design a home for the future.

1

Plan

Research clever ways people have come up with to build homes.

How do they suit the local environment?

What materials do they use?

How do they make use of space?

2

Prepare

Make a design for a future home.

Draw a plan and prepare a description.

- What will it look like from the street?
- What will it look like inside?
- What shape will it be?
- What materials will you use?
- How will it suit the environment?



3

Show and Tell

Share your house with your group.
Explain your design ideas.



What do you know now?

- ✓ Review Unit 8 in your Workbook.