Lesson 4 Data in Everyday Life

[의사소통 기능]

• 궁금증 표현하기

I'm curious about today's weather.

• 놀람 표현하기

That's surprising!

[언어 형식]

• 비교급 강조

The hospital was much worse than she thought.

• 수동태

Three different colors were used by Nightingale.

Listen & Speak A

1

B Hey AI, I'm curious about today's weather.

W Hello, Ethan. This morning is cool, but it'll warm up to 32 degrees this afternoon.

B Is there any chance of rain?

W No. It's going to be sunny all day.

B Okay, thanks a lot.

2

B Hey, look at this cool T-shirt.

G How nice! It's just your style.

B I was searching for a new T-shirt and then this ad showed up!

G That's surprising!

3

G I'm curious about the bus schedule.

B I'll check the bus app.

G How far away is our bus?

B It's one stop away.

G Oh, it will arrive in about two minutes then.

B Great! We'll be on time for school.

4

B Sena, do you want to listen to this song?

G Okay.

B A music app recommended it.

G The app knows your taste?

B It does.

G That's really surprising!

Listen & Speak B

G Which movie do you want to watch, Ethan?

B Animal Adventure looks fun. I love animal movies.

G I want to watch Space Journey. I like that actor.

B I'm curious about the review scores for these movies.

G I'll check the movie app. Oh, Space Journey has five stars.

B That's really high. That's surprising!

G Then let's watch Space Journey today.

B All right. We can watch Animal Adventure next time.

Review Lounge

1

W I'm curious about this machine.

B It's a kiosk. It's a machine that helps you order food.

W How does it work? Can you show me?

B Sure. What would you like to order?

W I'd like to order a sandwich.

2

B Hey, do you want to try this app?

G What is it?

B It tests you and recommends future jobs.

G Wow! It says that my future job is a chef. It knows my dream job.

B That's surprising!

3

B Did you hear the news? John Smith became the chess champion. He is only 11 years old. He only started playing chess a few months ago.

4과 본문

Data Saved Thousands of Lives

You may know Florence Nightingale as a nurse who helped sick people. But did you also know that she was good at math? When she was young, Nightingale liked playing with numbers. She enjoyed counting travel time and distance on family trips. Then she gathered the numbers and recorded them as data. Nightingale knew that data was important. She used data to solve problems.

During the Crimean War, Nightingale went to the battlefield to help sick soldiers. The hospital was much worse than she thought. It was dirty, messy, and full of bugs! Nightingale knew that dirty hospitals could be bad for the soldiers. More soldiers got sick and died in the dirty hospital than in battle. She wanted to change that. She asked England to make the hospital much cleaner and safer. However, the leaders of England didn't understand. To help them see the problem, she collected data about the number of wounded and dead soldiers. However, showing her findings with just numbers was difficult. To solve this problem, Nightingale created a simple picture. It is called Nightingale's rose diagram. The diagram looked like a rose with twelve petals. Each petal showed a month, and larger petals meant more deaths. In the rose diagram, three different colors were used by Nightingale: blue, red, and black. Blue is for disease, red is for battle wounds, and black is for other causes. Surprisingly, the blue part was the largest! Nightingale used this diagram to show her data simply and clearly. She was very smart and creative.

When people saw Nightingale's rose diagram, they were amazed. It helped them understand that clean hospitals are very important. Thanks to the rose diagram, hospitals became much cleaner and safer. Nightingale's love for data and smart ideas saved many lives. She is still respected by people around the world today.