

Lesson 3 New Ideas Bring Big Changes

◆ 의사소통 기능

- 설명 요청하기

A: Could you explain more about it?

B: Press the green button, and the drone goes up.

- 확실성 정도 표현하기

A: Which rocket will go the highest?

B: I'm sure that the red rocket will go the highest.

◆ 언어 형식

- 수동태

The dirty spot **was cleaned by** the lamp oil.

- 접속사 although

Although the glass flask was broken into pieces, they still held together.

Listen and talk

A1

B: What is that woman doing there?

W: She is experiencing VR car racing.

B: Could you explain more about it?

W: With a VR device, you can be a car racer.

B: That sounds fun. I'd like to try it.

W: Then stand in line there.

A2

G: I saw that your drone passed through the rings.

That was cool!

M: Thanks. Do you want to try it?

G: I'd love to. How can I fly the drone?

M: You can use this controller.

G: Could you explain more about it?

M: Press the green button, and the drone goes up.

G: I see. What's next?

M: Press the red button, and it goes down.

G: It works! Thank you so much.

A3

B: Look! People are trying to fly air rockets!

G: Which rocket will go the highest?

B: I'm sure that the red rocket will go the highest.

G: Why do you think so?

B: Its head looks different.

G: Oh, you're right! The red rocket is sharper than the other rockets.

B

Reporter: Juwon, you won the special prize in the invention contest. Great Job!

Juwon: Thank you. I'm proud of my invention.

Reporter: What's your invention?

Juwon: It's a recorder which doesn't bother other people.

Reporter: How does it work? Could you explain more about it?

Juwon: I connected headphones to the recorder with a simple device. The device sends the sound from the recorder to the headphones.

Reporter: That's cool. When you wear the headphones, only you can hear the sound.

Juwon: Right. People can play the recorder any time. I'm sure that this invention will be very helpful.

Enjoy the clip

W: Welcome to my science quiz show! I'm Isabel.

Here is the first question. I'm sure that you can find the right answer. The Eiffel Tower gets taller during the summer. Is this true or false? 3, 2, 1. The answer is true! The Eiffel Tower is 330 m. In summer, the temperature of the Eiffel Tower goes up. When the metal gets hot, it becomes bigger. So, the height of the tower becomes about 15 cm taller. In winter, the metal cools down, and the height of the tower becomes shorter. Now, let's answer another question together!

Review

B: What are you doing?

G: I'm looking at a poster about a drone show.

B: When does the drone show begin?

G: It begins this Saturday near Hangang Park.

B: Sounds interesting. Could you explain more about it?

G: Five hundred drones will fly in the sky for the beautiful performance.

B: That's cool. I'm sure that the show will be exciting.

3과 본문

Wonderful Inventions by Chance**A New Cookie Star: Chocolate Chip Cookies**

In America, there was a famous cook, Ms. Wakefield.

One day in 1938, she wanted to bake chocolate cookies. However, she didn't have enough time to melt chocolate.

So, she cut a chocolate bar into small chips. Then, she mixed them with her dough and put the cookie dough into the oven.

When Ms. Wakefield opened the oven, she found that the chips were not melted into the dough.

Although the chips remained in the cookies, she was not disappointed.

Her new cookies were so delicious. She invented chocolate CHIP cookies!

Finding Safety in Glass: Safety Glass

In 1903, a French scientist, Mr. Bénédictus, was experimenting with liquid plastic in a glass flask.

He accidentally hit the glass flask, and it fell on the floor.

Although the glass flask was broken into pieces, they still held together in the shape of the flask!

How could this happen?

The secret was the liquid plastic in the flask. This finding led to his invention of safety glass.

These days, we can find safety glass everywhere. For example, it is used for car windows. If there is a car accident, people are safer from sharp pieces of glass.

Cleaning Clothes Without Water: Dry Cleaning

Can you clean your clothes without water?

The answer is "yes." Dry cleaning uses oil to clean clothes. There's an interesting story about dry cleaning.

In the 1800s, a factory worker in France spilled lamp oil on a tablecloth.

The factory manager, Mr. Jolly, looked at the tablecloth and found something.

The dirty spot on the tablecloth was cleaned by the lamp oil!

His discovery led to a new way of cleaning clothes. Now, dry cleaning is widely used around the world.

These wonderful inventions came by chance. When things go wrong, don't be disappointed. Maybe you can be the next amazing inventor.