**ICRT News Lunchbox 110/09/29News for Kids（國小）**

Towers that Eat Pollution

Pollution is a big problem around the world. It's really bad for your health.

It can make you cough.

Oh, excuse me. In some parts of India, the pollution is really, really bad.

But India is trying to make its air cleaner. It built a tower that eats

pollution.

印度空氣汙染嚴重，為了淨化空氣，他們建了一座可以大口吞下髒空氣的塔樓。

Well, it doesn't eat the pollution like that. It sounds more like this.

The top of the tower has 40 huge fans. These 40 fans suck in the dirty air.

The air is cleaned in the tower. Then, the tower blows the clean air out.

塔樓最上面有四十座巨大的電扇，會吸入髒空氣，在塔樓裡面淨化，然後把乾淨空氣吹出來。

Like this: the dirty air comes in... And the clean air comes out. Again...

Whew! That's making me tired. But the fans never get tired. They keep working

and working.

If the tower works well, India will make more of these smog towers. Oh,

sorry, smog is a kind of pollution. So, a smog tower is a pollution tower.

I hope it works! Maybe they can build a smog tower in Taiwan, too!

如果這個塔樓很有用，還會建造更多。也許台灣也需要這樣的建築。

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**Vocabulary**

印度這座超大的空氣清淨機，是不是很有創意？

1) Air pollution 空氣汙染。

There's so much air pollution today! 今天的空氣汙染好嚴重！

Yeah, even the sky is grey. 對啊，連天空都是灰的。

2) Fan 電扇。

Here, this fan should blow away the bad air. 來，這座電扇應該可以吹走髒空氣。

One fan is not enough. 一座電扇不夠。

3) Tired 很累。

You look tired. 你看起來很累。

I feel tired. 我覺得很累。

Maybe you should go to bed earlier. 也許你應該早一點上床。

No, I've got work to do. 不行，我還有工作要做。

4) Work 工作。

You're working too hard! 你工作太辛苦了！

You're not a robot, you know. 你要知道你不是機器人。

I know. 我知道。

Let's read the words together.

air pollution 空氣汙染

fan 電扇

tired 很累

work 工作

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Quiz

Q1: Where is the pollution tower?

A: In India

B: In Canada

C: In America

Q2: How many fans does the tower have?

A: 14

B: 40

C: 400

Q3: What will India do if the tower works well?

A: Build more towers

B: Put more fans in the towers

C: Sell towers to other countries

Answers

1. A

2. B

3. A

**ICRT News Lunchbox 110/09/29 News Bites 文字檔 (國中)**

Hello everybody, and welcome to a new episode of News Bites!

I'm Ryan Drillsma...

And I'm Trevor Tortomasi.

In today's news:

Seeds come back to earth, a bird goes on a long journey, and Taylor Swift

joins TikTok.

All that and more, coming up next.

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台灣學生研究 去太空旅行的植物種子

Students Study Space Seeds

One small step for a man, and one giant leap for… plantkind?

Plant seeds that Taiwan sent into space have just returned to Earth.

And students are now going to study them in an experiment (實驗).

Some organizations (組織) are working together on a program called "Asia Herb

in Space."

The National Applied Research Laboratories, National Chung Hsing University,

and Taiwan's Council of Agriculture wanted to see what would happen to seeds

after they went to space.

國家實驗研究院，國立中興大學，以及農委會都想知道，去過太空的種子，回來之後會不會有什麼不一樣。

On December 7th, they put their seeds on a spaceship along with 10 different

kinds of seeds from seven other countries.

The seeds then headed into space for a seven-month stay at the international

space station (國際太空站).

The seeds Taiwan contributed to the project included sunflower, bell pepper,

red quinoa, and moth orchid.

台灣提供實驗的種子包括向日葵、青椒、紅藜麥和小蝴蝶蘭。

The idea is to find out how different levels of gravity (重力) and radiation

(輻射) in space affect plant growth.

They arrived back on earth July 9th, and Taiwan's seeds were mailed back home

on September 9th.

Now, students from universities, high schools and junior high schools will

study the seeds.

They are going to plant them.

To help them get prepared, National Chung Hsing University held online

classes about how to properly take care of the plants they will produce.

10 high school teams will grow the moth orchids, and 30 junior high school

teams will look after the bell pepper and red quinoa.

高中生種蝴蝶蘭，國中生照顧青椒和紅藜麥。

But do you know that every experiment needs a control?

A "control" is usually something that has not been changed from how it would

normally be.

Scientists compare (比較) the control with other subjects in an experiment to

see if it worked!

And the control in this experiment is seeds that did not go to space.

They are being given to elementary school students to grow.

I can't wait to find out what they discover!

每個實驗都要有對照組來做比較，因此有些國小學生會培植沒有去過太空的種子。

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信天翁了不起的旅程

An Albatross' Amazing Journey

36 thousand kilometers is a long distance to travel.

Especially in just a few months.

That's almost as far as flying all around the world.

But it's nothing to some birds!

A professor in Southern Australia recently found that an albatross (信天翁)

that landed there had flown all the way from South Georgia (南喬治亞).

That's an island in the South Atlantic Ocean, and its closest country is

Argentina (阿根廷).

The professor also found the bird had visited the coasts (海岸) of South

America and Africa on its journey.

He knew this because a British researcher had put a tracking device on the

bird.

他都知道這隻信天翁去了哪裡，是因為研究員在鳥身上裝設了追蹤儀器。

A tracking device is an electronic item that lets us know where something is.

And it was put on the bird for conservation reasons; the researcher wants to

help protect albatrosses from dying out.

研究人員希望保護這種鳥類不要滅絕。

Travelling 36 thousand kilometers is actually a rare thing, even for an

albatross.

Albatrosses are large sea birds and most fly between places in the southern

part of the world.

When they are at sea, they spend most of their time flying. They land to

catch food.

信天翁白天一直飛，要吃東西時才會降落陸地。

At night they spend more time on the water, probably because is it harder to

find food in the dark.

But the Australian professor said less than five percent of those that live

in South Georgia fly all the way to Australia.

The bird's journey will help scientists learn more about how albatrosses move

across the world for the future.

這隻鳥的足跡可以幫助科學家了解，信天翁如何在全世界各地長途旅行。

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泰勒絲加入抖音

Taylor Swift Joins TikTok

One of the biggest musical stars in the world has joined a new social media

platform.

Taylor Swift has opened an account on TikTok.

She joined the video-sharing site to promote (推銷) her latest re-release

album.

Her new version of Red is set to come out in mid-November.

為了推銷她的最新重錄的專輯，泰勒絲加入了抖音平台。

Taylor is re-recording her first six albums.

This is because she does not actually own the master recordings (錄音母帶) of

those albums, despite offering to buy them.

To keep control over her own work, she is doing new, but nearly-identical,

versions.

The new version of Red will have almost double the number of tracks on it.

新版紅色專輯會有三十首歌，將近原版的兩倍。

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So, in today's News Bites:

Seeds were sent to space.

And now they're back in Taiwan!

Students will study them to see how they grow.

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And,

One bird made a big journey.

An albatross flew 36 thousand kilometers, from South Georgia to Australia.

A professor found out because the bird had a tracking device.

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And,

Taylor Swift has joined TikTok.

She is promoting her latest re-release album.

She is re-recording all six of her first albums.

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And that's today's episode of News Bites!

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