


試題文本	<p>此欄位第一部分為圖文版，第二部分為純文字版，兩部分的内容皆相同</p> <p>第一部分：圖文版</p> <p><i>(The annual activity, the TKS School Fair X SDG12, is coming. In order to make the fair eco-friendlier, the director of student affairs stuck a notice on the board. Besides, the director holds a digital poster design award this year.)</i></p> 
Paragraph1	<ul style="list-style-type: none">! 80% of wastewater in developing countries is released without being properly processed or purified.! Almost one-third of the world's energy is used by households, which causes around one-fifth of global CO2 discharge.! Around 13.3% of the world's food in 2020 was lost between harvesting and retail. Additionally, about 17% of all available food is wasted at the household, food service, and retail levels.
Paragraph2	<p>Although there are enormous natural resources on Earth, people have not utilized them with caution but consumed them excessively. That is why the United Nations established Sustainable Development Goal 12 to emphasize the significance of using and producing resources in sustainable ways.</p>
Paragraph3	<p>The icon for Goal 12 symbolizes that reducing waste, reusing and recycling resources are important. It serves as a reminder of humankind's responsibility to protect the environment.</p>

(試題文本 1-1)



Now, let's be sustainable heroes to help our planet.

🎯 Manage Water Resources

[80% of wastewater in developing countries is released without being properly processed or purified.]

- 1 Reuse wastewater from sinks to water plants instead of using fresh water.
- 2 Many cleaning supplies release harmful chemicals into our water supply. We can reduce water pollution by choosing less harmful products. For example, we can use baking soda, lemon juice, or soft drinks for cleaning.

🎯 Conserve Energy

[Almost one-third of the world's energy is used by households, which causes around one-fifth of global CO2 discharge.]

- 1 Reduce your carbon footprint and save energy by walking, biking, or carpooling to school.
- 2 Use appliances with a high energy star rating, which means they meet energy efficiency standards set by the U.S. Environmental Protection Agency.

🎯 Avoid Food Waste

[Around 13.3% of the world's food in 2020 was lost between harvesting and retail. Additionally, about 17% of all available food is wasted at the household, food service, and retail levels.]

- 1 Recycling leftover food and other organic waste into compost can support plant growth and prevent the need for chemical fertilizers.
- 2 Donate unused or surplus food to food banks or charities to help people in need.

About the TKS School Fair X SDG 12 Digital Poster Award



Icon: Design an icon for Sustainable Development Goal 12.

- Make sure the icon can show the main idea of SDG12.
- Come up with a slogan written under the icon.

(Please confirm the slogan can match up with the icon.)



FAQ: Record three frequently asked questions discussed in the class meeting.

- Record the three problems and search for a solution to each one individually.
- Produce graphs to present the FAQ section.

(You can apply the text structure, problem and solution, you learned in English class to design the graphs.)



Illustration: Based on the information provided in the audio files, there are three illustrations inserted under the section of FAQ. Please remember to show the references, such as "Source: TKS."



Video: Make a video to produce a brief introduction of the information on the TKS School Fair.

- Insert the video with English subtitles at the bottom of your poster.
- Make sure the audio of your video is clear.

(You can get higher scores if you can pronounce confidently and correctly.)



(試題文本 2)

TKS School Fair

Sustainable Development Goal 12

- Teachers and students in TKS
- Learn how to live in sustainable ways.
- January 25th
- In TKS
- Celebrate the birth of TKS
- All classes have stands to sell delicacies.

It is said that using appliances can result in significant energy waste and the release of a large amount of CO2. But we need at least two microwave ovens, three air fryers, a small refrigerator, and other appliances. How could we solve the problem?

Do we have any plans to deal with the leftover food? I don't think getting rid of our products is a good method.

We can find the equipment with energy star, established by ⁰²TKS / USA / EPA, an organization in America. By the way, walking and biking to school can reduce the ⁰²CO2. The classmates living near the school can give it a try.

We can replace chemical cleaners with baking soda or the beverage, ⁰²milk tea / apple juice / cola, we won't sell out.

In science class, we learned recycling leftovers into compost can be good ⁰²to replace chemical ones, but we don't have the skills to do that. I suggest that we donate the leftover food to ⁰²First / Safety / Winner / Yun. The map below shows the exact locations of these places.

At the school fair, we will definitely have lots of greasy ovens and tables to clean. What could we do to reduce water pollution?

⁰²Source: [QR Code]

⁰²Source: [QR Code]

⁰²Source: [QR Code]

JANUARY 25TH IN TKS

Participants: Alex, Nick, Bela, Jenny, Jovi

(數位海報介面)

第二部分：純文字版

(The annual activity, the TKS School Fair X SDG12, is coming. In order to make the fair eco-friendlier, the director of student affairs stuck a notice on the board. Besides, the director holds a digital poster design award this year.)

NOTICE

Serious Situations in the World!!!

- 80% of wastewater in developing countries is released without being properly processed or purified.
- Almost one-third of the world's energy is used by households, which causes around one-fifth of global CO2 discharge.
- Around 13.3% of the world's food in 2020 was lost between harvesting and retail. Additionally, about 17% of all available food is wasted at the household, food service, and retail levels.

Although there are enormous natural resources on Earth, people have not utilized them with caution but consumed them excessively. That is why the United Nations established Sustainable Development Goal 12 to emphasize the significance of using and producing resources in sustainable ways.

The icon for Goal 12 symbolizes that reducing waste, reusing and recycling resources are important. It serves as a reminder of humankind's responsibility to protect the environment.

Now, let's be sustainable heroes to help our planet.

1. Manage Water Resources

[80% of wastewater in developing countries is released without being properly processed or purified.]

- (1) Reuse wastewater from sinks to water plants instead of using fresh water.
- (2) Many cleaning supplies release harmful chemicals into our water supply. We can reduce water pollution by choosing less harmful products. For example, we can use baking soda, lemon juice, or soft drinks for cleaning.

2. Conserve Energy

[Almost one-third of the world's energy is used by households, which causes around one-fifth of global CO2 discharge.]

- (1) Reduce your carbon footprint and save energy by walking, biking, or carpooling to school.
- (2) Use appliances with a high energy star rating, which means they meet

energy efficiency standards set by the U.S. Environmental Protection Agency.

3. Avoid Food Waste

[Around 13.3% of the world's food in 2020 was lost between harvesting and retail. Additionally, about 17% of all available food is wasted at the household, food service, and retail levels.]

- (1) Recycling leftover food and other organic waste into compost can support plant growth and prevent the need for chemical fertilizers.
- (2) Donate unused or surplus food to food banks or charities to help people in need.

About the TKS School Fair X SDG12 Award:

1. Icon: Design an icon for Sustainable Development Goal 12.
 - (1) Make sure the icon can show the main idea of SDG12.
 - (2) Come up with a slogan written under the icon.
 - (3) Please confirm the slogan can match up with the icon.
2. FAQ: Record three frequently asked questions discussed in the class meeting.
 - (1) Record the three problems and search for a solution to each one individually.
 - (2) Produce graphs to present the FAQ section.

(You can apply the text structure, problem and solution, you learned in English class to design the graphs.)
3. Illustration: Based on the information provided in the audio files, there are three illustrations inserted under the section of FAQ. Please remember to show the references, such as “Source: TKS.”
4. Video: Make a video to produce a brief introduction of the information on the TKS School Fair.
 - (1) Insert the video with English subtitles at the bottom of your poster.
 - (2) Make sure the audio of your video is clear.

(You can get higher scores if you can pronounce confidently and correctly.)

問題 1

Q1. Alex invited his four classmates, Nick, Bela, Jenny, and Jovi, to take part in the TKS School Fair X SDG 12 Award. Now, there are four icons sent from the four classmates. Alex has to choose one that can convey the spirit of the Sustainable Development Goal 12.

(Alex is a class leader. Nick and Bela are class secretaries. Jenny and Jovi are information officers.)

(A) An icon designed by Nick.



(B) An icon designed by Bela.



(C) An icon designed by Jenny.



(D) An icon designed by Jovi.



答案

A

問題 2

此欄位第一部分為圖文版，第二部分為純文字版，兩部分的內容皆相同

第一部分：圖文版

Q2. All classmates voted to sell fried food and various soft drinks like Sprite, Pepsi, Coca Cola, and so on at the school fair. During the class meeting, Nick and Jenny were in charge of recording. There were three questions mentioned by their classmates. Alex is trying to come up with solutions to the three problems. Actually, there is some useful information on NOTICE. Please fill in/choose the correct words or phrases in the blanks to help Alex complete the FAQ section.

The illustration shows three students (two boys and one girl) in a discussion. There are four speech bubbles with text: 1. Orange bubble: "It is said that using appliances can result in significant energy waste and the release of a large amount of CO2. But we need at least two microwave ovens, three air fryers, a small refrigerator, and other appliances. How could we solve the problem?" 2. Green bubble: "At the school fair, we will definitely have lots of greasy utensils and tables to clean. What could we do to reduce water pollution?" 3. Red bubble: "Do we have any plans to deal with the leftover food? I don't think getting rid of our products is a good method." 4. Yellow bubble: "We can find the equipment with energy star, established by Q2-1 TKS / USA / EPA, an organization in America. By the way, walking and biking to school can reduce the Q2-2. The classmates living near the school can give it a try." Below the students are three more text boxes: 5. Green box: "We can replace chemical cleaners with baking soda or the beverage, Q2-3 milk tea / apple juice / cola, we won't sell out." 6. Pink box: "In science class, we learned recycling leftovers into compost can be good Q2-4 to replace chemical ones, but we don't have the skills to do that. I suggest that we donate the leftover food to Q2-5 First / Safety / Winner / Yun. The map below shows the exact locations of these places." At the bottom right is a map with icons for TKS, EPA, First, Safety, Winner, and Yun.

第二部分：純文字版

Q2. All classmates voted to sell fried food and soft drinks at the school fair. During the class meeting, Nick and Jenny were in charge of recording. There were three questions mentioned by their classmates. Alex is trying to come up with solutions to the three problems. Actually, there is some useful information on NOTICE. Please fill in/choose the correct words or phrases in the blanks to help Alex complete the FAQ section.

✓ Problem

It is said that using appliances can result in significant energy waste and the release of a large amount of CO2. But we need at least two microwave ovens, three air fryers, a small refrigerator, and other appliances. How could we solve the problem?

✓ Problem

At the school fair, we will definitely have lots of greasy utensils and tables to clean. What could we do to reduce water pollution?

✓ *Problem*

Do we have any plans to deal with the leftover food? I don't think getting rid of our products is a good method.

◇ *Solution*

We can find the equipment with energy star, established by **Q2-1 TKS / USA / EPA**, an organization in America. By the way, walking and biking to school can reduce the **Q2-2**. The classmates living near the school can give it a try.

◇ *Solution*

We can replace chemical cleaners with baking soda or the beverage, **Q2-3 milk tea / apple juice / cola**, we won't sell out.

◇ *Solution*

In science class, we learned recycling leftovers into compost can be good **Q2-4** to replace chemical ones, but we don't have the skills to do that. I suggest that we donate the leftover food to **Q2-5 First / Safety / Winner / Yun**. The map below shows the exact locations of these places.



Map Information



First, where you can deposit and withdraw money.



Safety, where you can get some medicine.



Winner, where you can give things you won't use.



Yun, where you can buy stamps and send mail.

答案

圈選題 Q2-1 **EPA**

填空題 Q2-2 **carbon footprint**

	<p>圈選題 Q2-3 cola</p> <p>填空題 Q2-4 fertilizers</p> <p>圈選題 Q2-5 Winner</p>
<p>問題 3</p>	<p>Q3. Under the FAQ section, there are three illustrations. Each illustration has a QR code. Jenny and Jovi would like to scan to open audio files so they can understand the meanings of the illustrations. The sources of the three audio files are some organizations listed below. Unfortunately, the relationship between the illustrations and their sources is wrong. Therefore, as information officers, Jenny and Jovi are trying to revise it according to the content of the audio files.</p> <p><i>(Audio 1)</i></p> <p>Dear all: Household waste uses a lot of energy and causes harmful CO2 emissions. Our new waste reduction and management programs will encourage actions such as recycling, composting, and responsible handling. We will also provide educational resources to promote sustainable living. Let's work together to protect our environment for future generations.</p> <p><i>(Audio 2)</i></p> <p>Did you know that millions of people worldwide suffer from hunger while tons of edible food goes to waste each year? Surplus food and leftovers can play an important role in preventing starvation. Donating unused food to local charities, shelters, or food banks is an excellent way to help people, residents in particular. Donors should ensure the food is safe for consumption. We always welcome donations. Let us deliver your kindness to more people in need.</p> <p><i>(Audio 3)</i></p> <p>Untreated wastewater can lead to water pollution and be harmful to fish and other creatures living in water. Polluted water may contain dangerous chemicals that can have severe consequences on the health and survival of marine animals. We hope everyone can deal with wastewater in proper ways to prevent water pollution. Thus, many films about environmental education were taken. Parents and teachers can use them to help kids develop the good habit of saving water to be green global citizens.</p>



(數位簡報介面)

(A)

Love Gift is a charitable organization that can contribute extra but healthy food donated by people to those who are in need to help them escape from starving.

(B)

Environmental Protection Administration is the authority in charge of enforcing regulations to reduce the emission of greenhouse gases.

(C)

Water World is a store that sells various kinds of fish and provides fish treatment services to customers.

(D)

BuddhaEat is a religious organization that offers financial aid and unused food to victims of natural disasters, such as earthquakes. Its services are specially provided to disaster victims, not ordinary citizens.

(E)

Aquahero Animation is a studio that produces hundreds of videos, especially for little kids, and all the topics are about environmental issues.

<p>答案</p>	<p>紙本試卷(選擇題)</p> <p>Audio 1: B</p> <p>Audio 2: A</p> <p>Audio 3: E</p>
<p>答案</p>	<p>數位簡報製作測驗(填充題)</p> <p>Audio 1: Environmental Protection Administration</p> <p>Audio 2: Love Gift</p> <p>Audio 3: Aquahero Animation</p>

問題 4

Q4. The group is preparing a video to introduce the information on the digital poster. Now, they are brainstorming to produce the subtitles on Docs. Then, they are going to record the subtitles to complete the video.

Task1: You need to fill the correct answers based on the information offered in the poster and NOTICE in the blanks.

Task2: Record the subtitles to produce a complete video.

TKS School Fair

Sustainable Development Goal 12

- Teachers and students in TKS
- Learn how to live in sustainable ways.
- January 25th
- In TKS
- Celebrate the birth of TKS
- All classes have stands to sell delicacies.

It is said that using appliances can result in significant energy waste and the release of a large amount of CO₂. But we need at least two microwave ovens, three air fryers, a small refrigerator, and other appliances. How could we solve the problem?

At the school fair, we will definitely have lots of greasy utensils and sables to clean. What could we do to reduce water pollution?

Do we have any plans to deal with the leftover food? I don't think getting rid of our products is a good method.

We can find the equipment with energy star, established by Q2-1 TKS / USA / EPA, an organization in America. By the way, walking and biking to school can reduce the Q2-2 _____. The classmates living near the school can give it a try.

We can replace chemical cleaners with baking soda or the beverage, Q2-3 milk tea / apple juice / cola, we won't sell out.

In science class, we learned recycling leftovers into compost can be good Q2-4 _____ to replace chemical ones, but we don't have the skills to do that. I suggest that we donate the leftover food to Q2-5 First / Safety / Winner / Yun. The map below shows the exact locations of these places.

Q2-1 Source: _____

Q2-2 Source: _____

Q2-3 Source: _____

JANUARY 25TH IN TKS

Participants: Alex, Nick, Bela, Jenny, Jovi

(數位海報介面)

	<p>(subtitles) <i>(Greeting 00:15)</i> Oh my God! Do you know what exciting event is coming soon? Let's give a big round of applause for the Q4-1 featuring Sustainable Development Goal 12.</p> <p><i>(Basic Information 00:48)</i> The School Fair is exclusively open to teachers and students of TKS and will take place on Q4-2 25th to celebrate the birth of TKS. All classes will set up amazing stands on campus to sell delicious food. However, it is essential to enjoy the event in a Q4-3 manner by avoiding the overuse of freshwater, energy wastage, and leftover food.</p> <p><i>(The spirit of SDG 12 01:30)</i> The United Nations established Sustainable Development Goal 12 Q4-4 people have not been sustainably using natural resources. It emphasizes the significance of the 3Rs: Q4-5, Q4-6, and Q4-7.</p> <p><i>(Common problems and solutions 01:53)</i> In the following section, I will introduce three common environmental problems and their solutions. Q4-8, when it comes to water resources, we know that wastewater can lead to serious pollution. To solve this, we can reuse wastewater to water plants. Secondly, excessive Q4-9 emissions are often caused by energy waste. Thus, we can reduce our carbon footprint by taking public transportation. Lastly, to avoid producing surplus food, we can donate to organizations Q4-10 food banks and charities.</p> <p><i>(Ending 02:46)</i> I believe the sustainable school fair is meaningful, and I hope that our poster can win first prize. If you enjoyed the video, please don't forget to give it a Like. We'll see you at the school fair!</p>
Task1 答案	<p>Q4-1: TKS School Fair Q4-2: January Q4-3: sustainable Q4-4: because / since / as Q4-5 – Q4-7: reduce / reuse / recycle (此三題答案可任意互換)</p>

Q4-8: **Firstly**
 Q4-9: **CO2**
 Q4-10: **such as / like**

Task2 評分標準如下表
 (依照字幕錄音)

	score: 0	Weak score: 1	Below Average score: 2	Average score: 3	Good score: 4	Excellent score: 5
正確性 Accuracy	完全放棄	發音準確性極低，失誤極多，語調毫無變化，音量過小，語速過快或過慢，導致觀眾嚴重的理解困難。	發音準確性低，失誤偏多，語調變化不足，音量語速不一，影響理解。	發音準確性普通，偶有失誤，語調單調，音量語速不一，影響理解。	發音準確性高，部分字詞發音不完整，語調變化有些微變化，音量語速適中。	發音準確性極高，語調變化豐富，聲音宏亮清晰，且語速適當。
流暢性 Fluency	完全放棄	句讀極模糊，語氣完全不連貫，失誤極高，嚴重影響觀眾理解內容。	句讀模糊，語氣不連貫，失誤偏多，影響觀眾理解重要內容。	句讀清楚，語氣連貫適當，失誤多，輕微影響觀眾理解。	句讀很清楚，語氣前後連貫佳，偶有失誤，但不影響觀眾理解主要內容。	句讀極清楚，語氣前後連貫順暢，吸引觀眾投入觀賞。

問題 4
差異化

Q5. The group is preparing a video to introduce the information on the digital poster. Now, they are brainstorming to produce the subtitles on Docs. Then, they are going to record the subtitles to complete the video.

Task1: You need to fill the correct answers based on the information offered in the poster and NOTICE in the blanks.

Task2: Record the subtitles to produce a complete video.

TKS School Fair

Sustainable Development Goal 12

- Teachers and students in TKS
- Learn how to live in sustainable ways.
- January 25th
- In TKS
- Celebrate the birth of TKS
- All classes have stands to sell delicacies.

It is said that using appliances can result in significant energy waste and the release of a large amount of CO₂. But we need at least two microwave ovens, three air fryers, a small refrigerator, and other appliances. How could we solve the problem?

At the school fair, we will definitely have lots of greasy utensils and tables to clean. What could we do to reduce water pollution?

Do we have any plans to deal with the leftover food? I don't think getting rid of our products is a good method.

We can find the equipment with energy star, established by Q2-1 TKS / USA / EPA, an organization in America. By the way, walking and biking to school can reduce the Q2-2. The classmates living near the school can give it a try.

We can replace chemical cleaners with baking soda or the beverage, Q2-3 milk tea / apple juice / cola, we won't sell out.

In science class, we learned recycling leftovers into compost can be good Q2-4 to replace chemical ones, but we don't have the skills to do that. I suggest that we donate the leftover food to Q2-5 First / Safety / Winner / Yun. The map below shows the exact locations of these places.

TKS
First
Safety
Winner
Yun

First, where you can deposit and withdraw money.
Safety, where you can get some medicine.
Winner, where you can give things you won't use.
Yun, where you can buy stamps and send mails.

Q2-1 Source: ...

Q2-2 Source: ...

Q2-3 Source: ...

JANUARY 25TH IN TKS

Participants: Alex, Nick, Bela, Jenny, Jovi

(數位海報介面)

- (A) such as (B) because (C) firstly (D) January
 (E) CO2 (F) recycle (G) reduce (H) sustainable
 (I) reuse (J) TKS School Fair

(subtitles)

(Greeting 00:15)

Oh my God! Do you know what exciting event is coming soon? Let's give a big round of **applause** for the **Q4-1 ()** featuring **Sustainable** Development Goal 12.

applause /ə'plɑ:z/ **sustainable** /sə'steɪ.nə.bəl/

(Basic Information 00:48)

The School Fair is **exclusively** open to teachers and students of TKS and will take place on **Q4-2 ()** 25th to celebrate the birth of TKS. All classes will set up amazing stands on campus to sell delicious food. However, it is **essential** to enjoy the event in a **Q4-3 ()** manner by avoiding the overuse of freshwater, energy wastage, and leftover food.

exclusively /ɪk'sklu:..sɪv.li/ **essential** /ɪ'sen.ʃəl/

(The spirit of SDG 12 01:30)

The United Nations established Sustainable Development Goal 12 **Q4-4 ()** people have not been sustainably using natural resources. It **emphasizes** the **significance** of the 3Rs: **Q4-5 ()**, **Q4-6 ()**, and **Q4-7 ()**.

emphasizes /'em.fə.saɪz/ **significance** /sɪg'nɪf.ə.kəns/

(Common problems and solutions 01:53)

In the following section, I will introduce three common environmental problems and their solutions.

Q4-8 (), when it comes to water resources, we know that wastewater can lead to serious pollution. To solve this, we can reuse wastewater to water plants.

Secondly, **excessive** **Q4-9 ()** **emissions** are often caused by energy waste.

Thus, we can reduce our carbon footprint by taking public transportation.

Lastly, to avoid producing surplus food, we can donate to organizations **Q4-10 ()** food banks and charities.

	<p>excessive /ek'ses.ɪv/ emission /i'mɪʃ.ən/</p> <p>(Ending 02:46)</p> <p>I believe the sustainable school fair is meaningful, and I hope that our poster can win first prize. If you enjoyed the video, please don't forget to give it a Like. We'll see you at the school fair!</p>					
Task1 答案	<p>Q4-1: J</p> <p>Q4-2: D</p> <p>Q4-3: H</p> <p>Q4-4: B</p> <p>Q4-5 – Q4-7: F / G / I (此三題答案可任意互換)</p> <p>Q4-8: C</p> <p>Q4-9: E</p> <p>Q4-10: A</p>					
Task2 評分標準如下表 (依照字幕錄音)						
	score: 0	Weak score: 1	Below Average score: 2	Average score: 3	Good score: 4	Excellent score: 5
正確性 Accuracy	完全放棄	發音準確性極低，失誤極多，語調毫無變化，音量過小，語速過快或過慢，導致觀眾嚴重的理解困難。	發音準確性低，失誤偏多，語調變化不足，音量語速不一，影響理解。	發音準確性普通，偶有失誤，語調單調，音量語速不一，影響理解。	發音準確性高，部分字詞發音不完整，語調變化有些微變化，音量語速適中。	發音準確性極高，語調變化豐富，聲音宏亮清晰，且語速適當。
流暢性 Fluency	完全放棄	句讀極模糊，語氣完全不連貫，失誤極高，嚴重影響觀眾理解內容。	句讀模糊，語氣不連貫，失誤偏多，影響觀眾理解重要內容。	句讀清楚，語氣連貫適當，失誤多，輕微影響觀眾理解。	句讀很清楚，語氣前後連貫佳，偶有失誤，但不影響觀眾理解主要內容。	句讀極清楚，語氣前後連貫順暢，吸引觀眾投入觀賞。