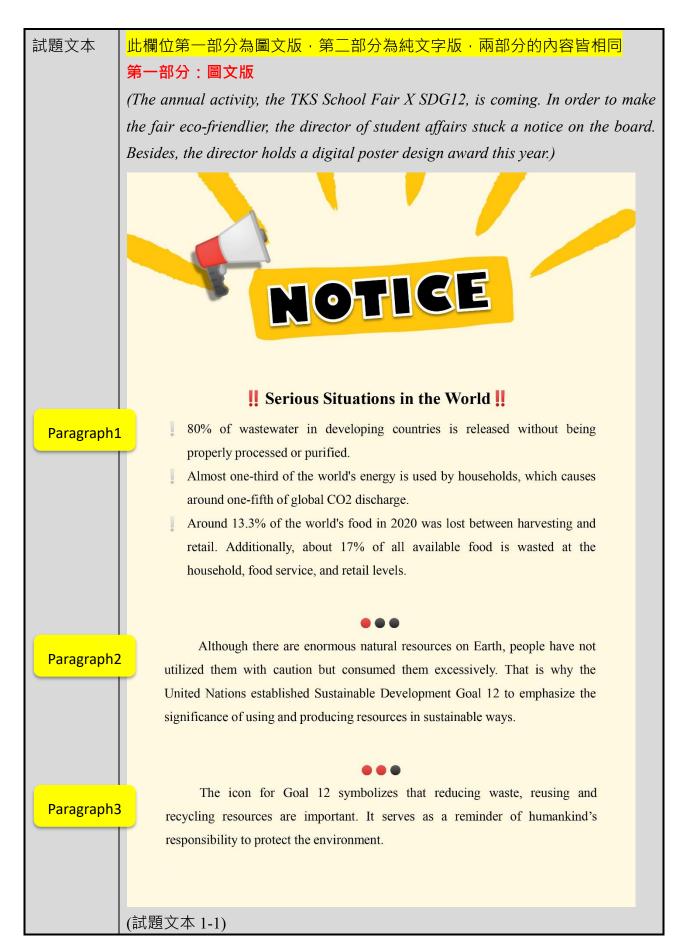
2023 高中組優等作品 胡鈞淇 (國立土庫商工)



1

Paragraph4

....

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.]

- **Reuse** wastewater from sinks to water plants instead of using fresh water.
- 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.

O Conserve Energy

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

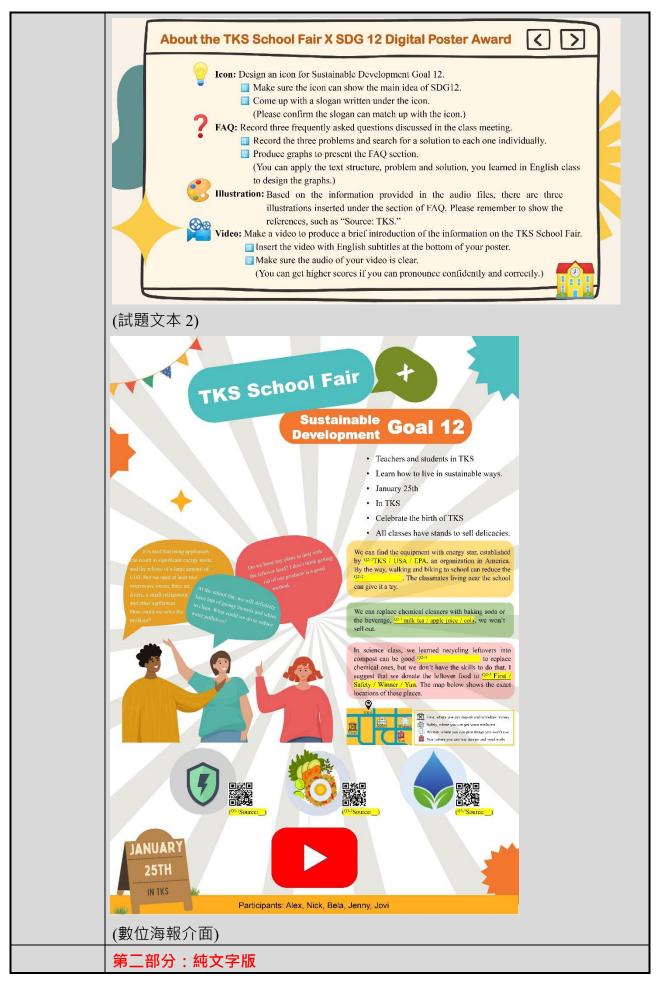
- Reduce your carbon footprint and save energy by walking, biking, or carpooling to school.
- Use appliances with a high energy star rating, which means they meet energy efficiency standards set by the U.S. Environmental Protection Agency.

o 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.]

- 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.

(試題文本 1-2)



(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.]

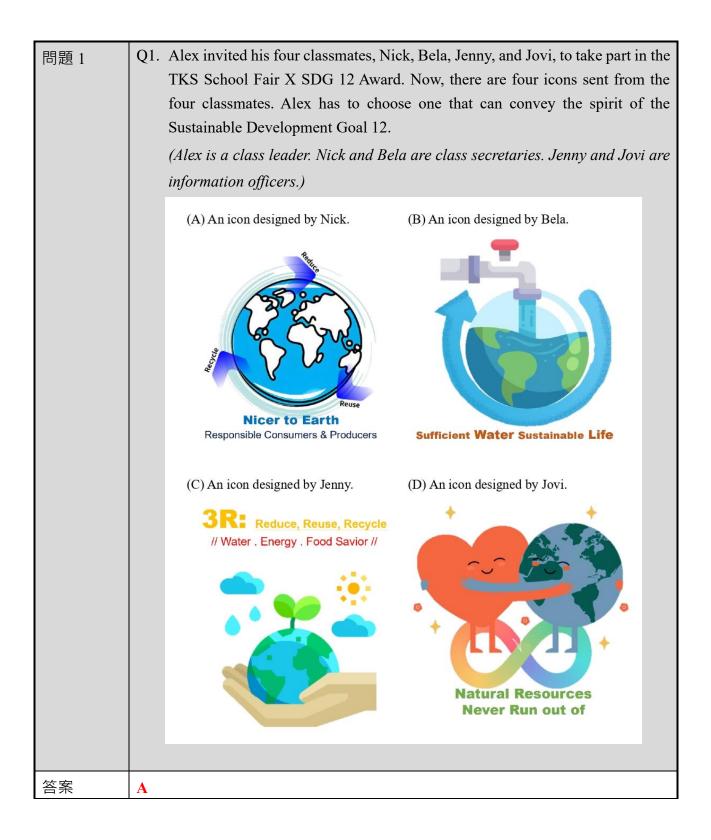
- (1) Reuse wastewater from sinks to water plants instead of using fresh water.
- (2) Many cleaning supplies release harmful chemicals into our water supply. We can reduce water pollution by choosing less harmful products. For example, we can use baking soda, lemon juice, or soft drinks for cleaning.

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. A	. Avoid Food Waste				
[/	Around 13.3% of the world's food in 2020 was lost between harvesting and				
re	retail. Additionally, about 17% of all available food is wasted at the household,				
fc	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	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.					
	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 ir					
	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. We can find the equipment with energy star, established by Q2-ITKS / USA / EPA, an organization in America. By the way, walking and biking to school can reduce the . 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 to replace chemical ones, but we don't have the skills to do that. I suggest that we donate the leftover food to $\frac{Q^{2-5} \text{ First}}{Q^{2-5} \text{ First}}$ Safety / Winner / Yun. The map below shows the exact locations of these places. 9 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. 1

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.

\diamond Solution

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

\diamond Solution

We can replace chemical cleaners with baking soda or the beverage, $\frac{Q^2}{milk \text{ tea / apple juice / cola}}$, we won't sell out.

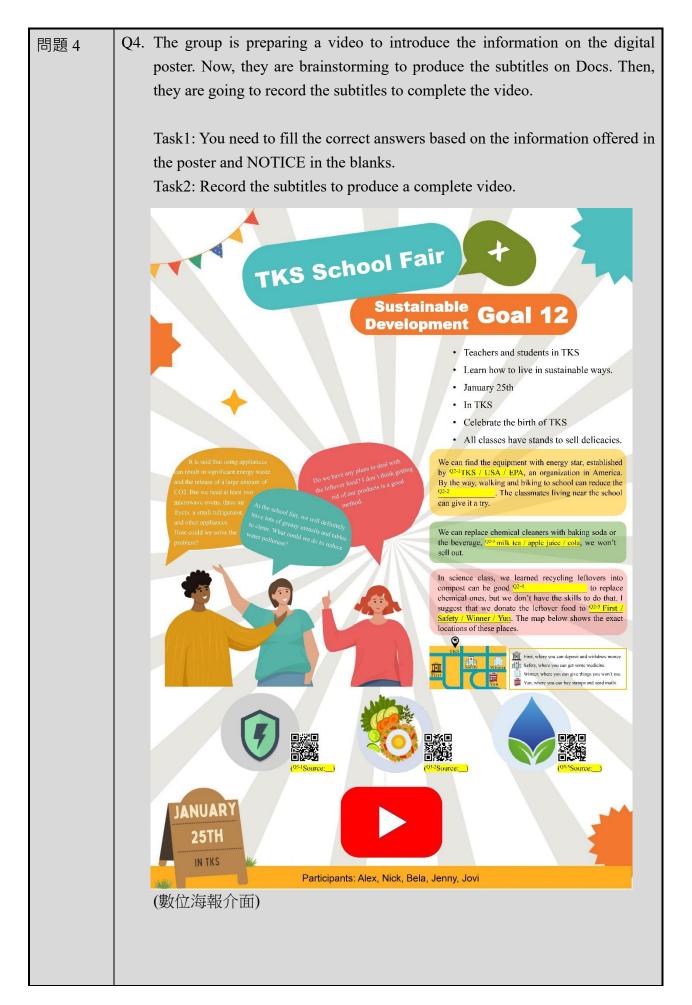
\diamond Solution

In science class, we learned recycling leftovers into compost can be good $^{Q^{2-4}}$ to replace chemical ones, but we don't have the skills to do that. I suggest that we donate the leftover food to $^{Q^{2-5}}$ First / Safety / Winner / Yun. The map below shows the exact locations of these places.



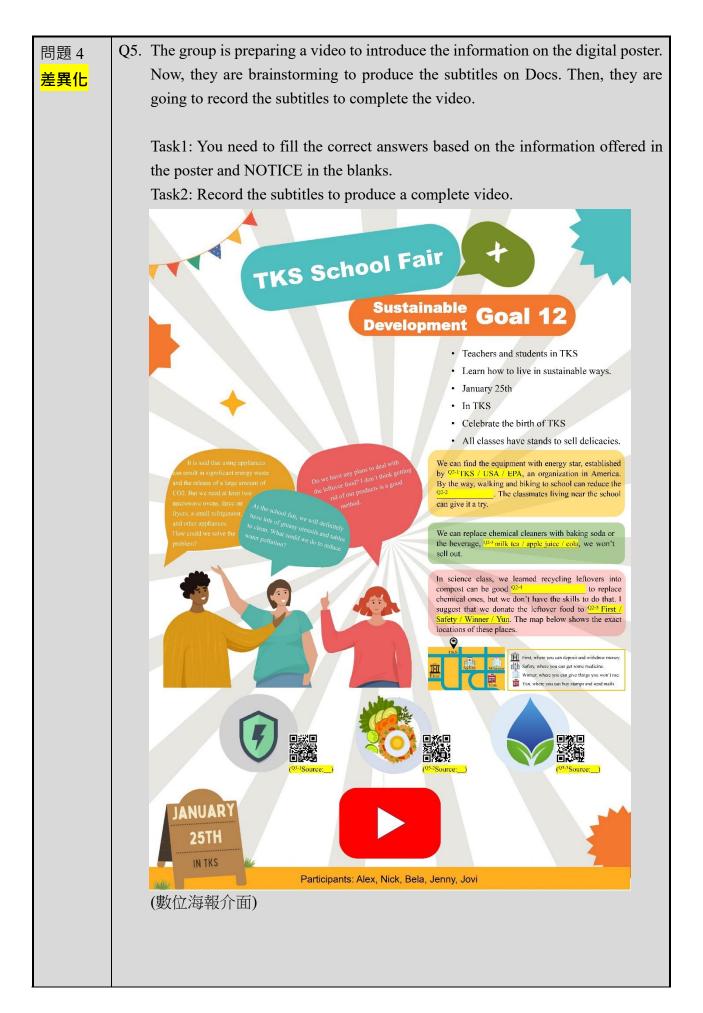
	圈選題 Q2-3 cola					
	填空題 Q2-4 fertilizers					
	圈選題 Q2-5 Winner					
問題 3	Q3. Under the FAQ section, there are three illustrations. Each illustration has a					
回版 3	QR code. Jenny and Jovi would like to scan to open audio files so they can understand the meanings of the illustrations. The sources of 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. (Audio 1) 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. 					
	<i>(Audio 2)</i> 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.					
	<i>(Audio 3)</i> 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.					

	(²⁻¹ Source:)
	(數位簡報介面) (A) <i>Love Gift</i> 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) <i>Environmental Protection Administration</i> is the authority in charge of enforcing regulations to reduce the emission of greenhouse gases.
	(C) <i>Water World</i> 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) <i>Aquahero Animation</i> is a studio that produces hundreds of videos, especially for little kids, and all the topics are about environmental issues.
答案	紙本試卷(選擇題)
	Audio 1: B
	Audio 2: A
	Audio 3: E
答案	數位簡報製作測驗(填空題)
	Audio 1: Environmental Protection Administration
	Audio 2: Love Gift
	Audio 3: Aquahero Animation



	(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 Sustainal						
	Development Goal 12.						
	(Basic Information 00:48)						
	The School Fair is exclusively open to teachers and students of TKS and will						
	take place on ^{Q4-2} 25 th 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.						
	(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}						
	(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.						
	(Ending 02:46)						
	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!						
Task1 答	Q4-1: TKS School Fair						
案	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)						

	04-8. Firs	tlv					
	Q4-8: Firstly Q4-9: CO2						
	Q4-9: CO2 Q4-10: such as / like						
Test2 预分;							
Task2 評分標準如下表 (依照字幕錄音)							
	score: 0	Weak score: 1	Below Average	Average score: 3	Good score: 4	Excellent score: 5	
			score: 2				
	完全放	發音準確	發音準確性	發音準確性	發音準確性	發音準確	
	棄	性極低,	低,失誤偏	普通·偶有失	高·部分字	性極高,	
		失 誤 極	多·語調變化	誤 · 語 調 單	詞發音不完	語調變化	
		多,語調	不足·音量語	調·音量語速	整,語調變	豐富,聲	
		毫無變	速不一·影響	不一·影響理	化有些微變	音宏亮清	
正確性		化,音量	理解。	解。	化,音量語	晰,且語	
Accuracy		過小 · 語			速適中。	速適當。	
		速過快或					
		過慢,導					
		致觀眾嚴					
		重的理解					
		困難。					
	完全放	句讀極模	句讀模糊·語	句讀清楚,語	句讀很清	句讀極清	
	棄	糊 · 語氣	氣不連貫·失	氣連貫適當,	楚,語氣前	楚,語氣	
		完全不連	誤偏多·影響	失誤多·輕微	後連貫佳,	前後連貫	
流輰性		貫,失誤	觀眾理解重	影響觀眾理	偶有失誤,	順暢,吸	
Fluency		極高,嚴	要內容。	解。	但不影響觀	引觀眾投	
		重影響觀			眾理解主要	入觀賞。	
		眾理解內			內容。		
		容。					



(A) such as	(B) because	(C) firstly	(D) January
(E) CO2	(F) recycle	(G) reduce	(H) sustainable
(I) reuse	(J) TKS Scho	ool 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'pla:z/ sustainable /sə'ster.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 /1k'sklu:.s1v.li/ essential /1'sen.fəl/

(*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.saız/ significance /sıg'nıf.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.

	excessive /ek'ses.ɪv/ emission /i'mɪʃ.ən/						
	<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!						
Task1 答	Q4-1: J						
案	Q4-2: D Q4-3: H						
	Q4-4: B						
	Q4-5 - Q4-7: F/G/I(此三題答案可任意互換) Q4-8: C Q4-9: E						
	Q4-10: A						
	·標準如下表	Ē.					
(依照字幕)	録首) 		D 1				
	score: 0	Weak score: 1	Below Average score: 2	Average score: 3	Good score: 4	Excellent score: 5	
	完全放	發音準確性	發音準確性	發音準確性	發音準確性	發音準確性	
	棄	極低,失誤	低,失誤偏	普通·偶有	高·部分字詞	極高,語調	
		極多,語調	多,語調變	失誤·語調	發音不完整,	變化豐富,	
		毫無變化·	化不足·音	單調 [,] 音量	語調變化有	聲音宏亮清	
正確性		音量過小,	量語速不	語速不一,	些微變化·音	晰,且語速	
Accuracy		語速過快或	一,影響理	影響理解。	量語速適中。	適當。	
		過慢,導致	解。				
		觀眾嚴重的					
		理解困難。					
	完全放	句 讀 極 模	句讀模糊,	句讀清楚,	句讀很清楚,	句 讀 極 清	
	棄	糊・語氣完	語氣不連	語氣連貫適	語氣前後連	楚・語氣前	
流暢性		全不連貫,	貫·失誤偏	當·失誤多·	貫佳·偶有失	後連貫順	
Fluency		失誤極高·	多,影響觀	輕微影響觀	誤·但不影響	暢·吸引觀	
I fuelley		嚴重影響觀	眾理解重要	眾理解。	觀眾理解主	眾投入觀	
		眾理解內	內容。		要內容。	賞。	
		容。					