Using Mobile Computer Device Apps to Enhance the Learning and Teaching Effectiveness in English Language Lessons (Secondary)

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Centre of Excellence (CoE)
IT in Education, EDB

Choosing the Suitable Learning Management System



LEARNING MANAGEMENT SYSTEM



- Flipped Learning
- English Activities
- Learner Diversity



Google Slides

- Reading
- Text Grammar
- GroupDiscussion
- AfL / AaL



Google Sites

Multimodal Texts



Google Forms

Reporting Instructions Quiz

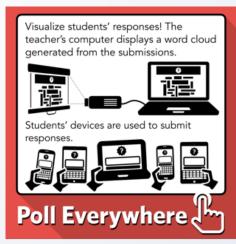
Please enter your name.

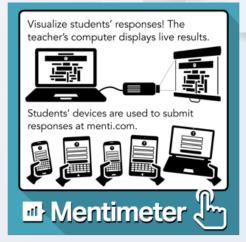
您的	的答案
	We use to report 1分 at people say.
0	A. passive voice
0	B. active voice
0	C. reported speech
0	D. conditionals
use ins	Which reporting verbs do we 1分 e when we report tructions? (1)said (2)told ordered (4)asked

O A. (1) & (2)

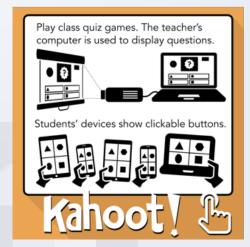


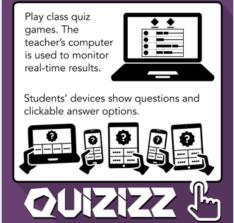
e-Assessment tools- Classroom Response Systems

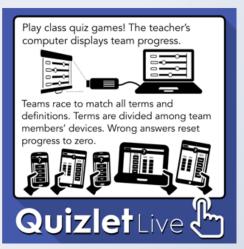




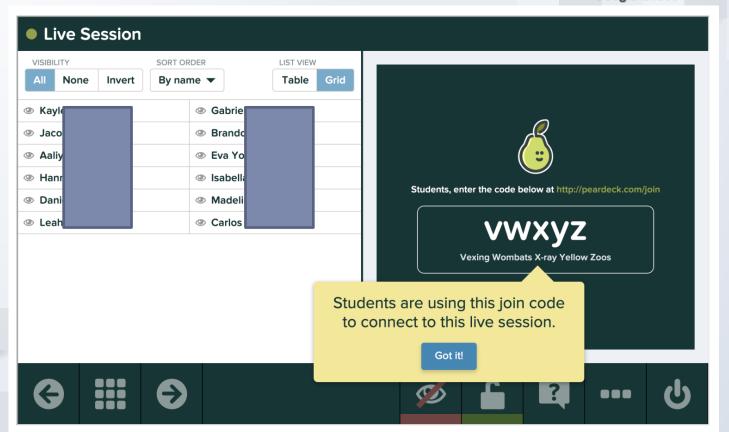




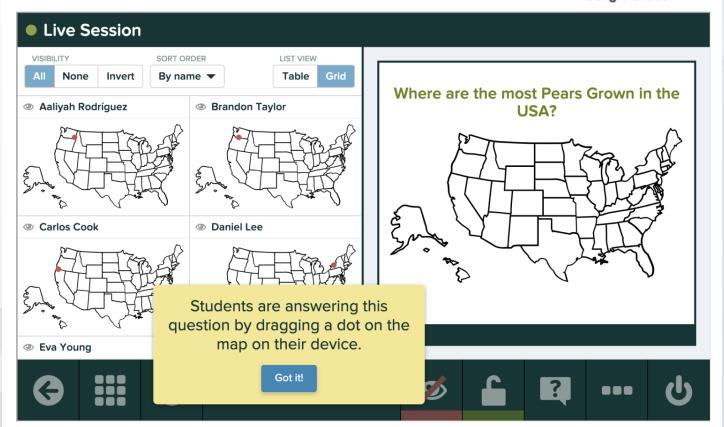




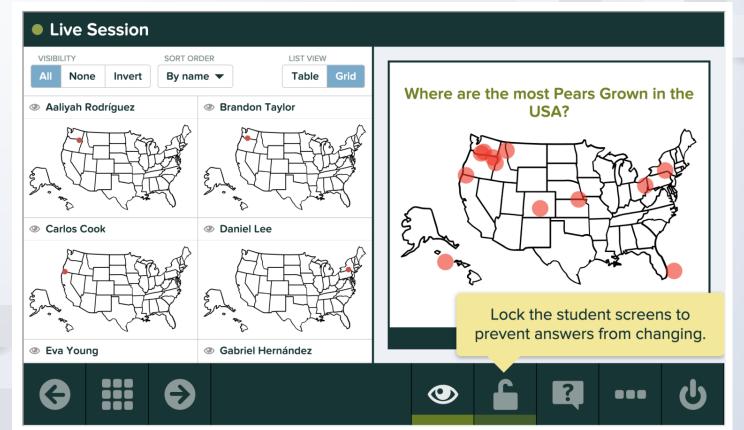




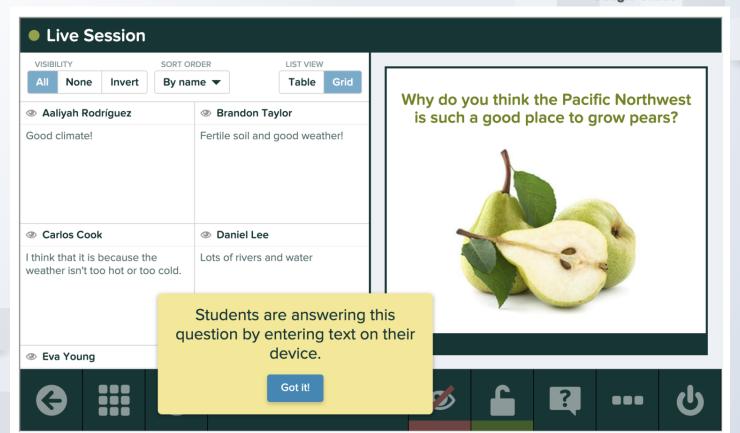




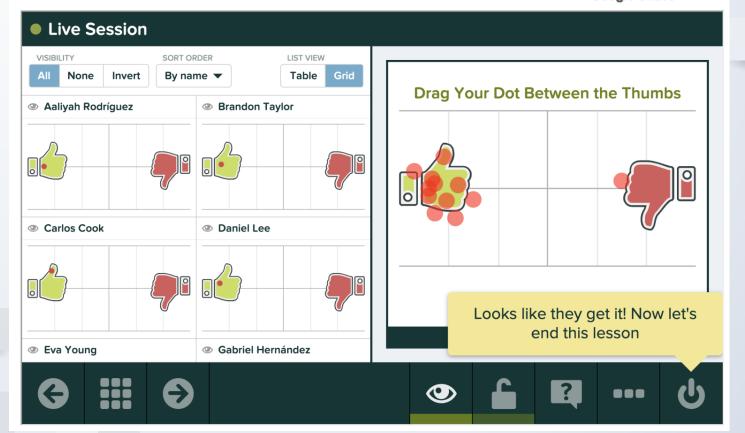












Google Sites





Environmental problems are common in Hong Kong. According to a survey carried out by 2C students, Lok Fu has the worst environmental pollution in Hong Kong. Fortunately, there are solutions to the problems.





Second solid waste is serious problem in Lok Fu too. The easy est solicion Lob not use disposable plastic items. This is because the disposable plastic

STEM in English – Reading Text & Text Grammar

S.2 English Group D↔

STEM in English 2018-19+

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	(

How to Explain How a Product Works-

As you need to introduce your product in a video, how are you going to do so? Here are examples for you! Learn from them and write your own script. Smart Stove Alert

The Aquaponics+

This is our aquaponic system.

- 2 At the moment, we have sensors to detect the pH value and the temperature of the water. These sensors are connected to the microcomputer control board, which will sync the data collected to a cloud server, and the cloud server will store the data. +
- 3 We have also designed an app to monitor all the data. It is very user-friendly. On the screen of the program, we use a clownfish to indicate the water quality. The temperature and the pH value are shown on the screen. When the water temperature is 26 degrees, the fish will turn orange to indicate that the water temperature is acceptable. As you can see, if the water temperature is 39 degrees, the clownfish becomes red. It is too hot for the fish in the tank. In our app, we use the clownfish. It is red, orange and white. We choose it because it is the most favourite fish in our school. We think that it can represent our aquaponics
- 4 This device is super-useful. It can make our life easier and more convenient. In the past, you may probably need to check the water temperature and pH value at the fish tank. However, if you

1 This is called Smart Stove Alert. It is used for minimizing the chance of leaving stovetop fire

- The way it works is very simple. Once the stove is lit, it will be detected by the fire detector connected to the mini processing unit. Then, the indicator light will go on and the system will start playing voice reminders through the loudspeakers.
- 3 There are two types of voice reminders. The first type is a basic reminder that plays regularly once a lit stove top is detected. The second type is linked to the front door of the household - whenever the system detects that the front door is opened while a stovetop is lit, it immediately alerts the elderly that he/she shouldn't leave the house without turning off the stove. [4] We also added a human touch to the system by using

human voice recordings that address the elderly directly. 5 The time intervals for the regular reminders are customizable. There is also a range of human voice reminders to choose from in order to cater for different





The fish turns Water temperature = Water temperature = ___ The fish turns

the elderly

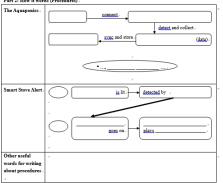
ent situations (Situations)

How to write the following parts? Let's analyse the texts!

Part 1: Introduction

To tell the name.	ā	a
	a	а
To define its function	a	a

Part 2: How it works (Procedures).



Other useful

words.

Smart Stove Alert

When you write about the other features, you write about their functions/ purposes.

the system detects



words

We use a lot of comparatives and superlatives and positive adjectives to persuade audience to believe us.

a	Comparatives and Superlatives	Positive adjectives.
The	a. The clownfish is fish	user-friendly, easier,
Aquaponics	b.It can make our life and	super-useful, more
	c. Your fish will grow and live	convenient, etc
Smart	la .	Customizable, good,
Stove Alert		available.

Cross out the negative adjectives below and choose the positive ones to be included in your script!

innovative/ original/ inventive/ pioneering/ creative/ dangerous/ useless/ useful/ comfortable/ expensive 'important' stupid' crazy/ efficient' fragile' out-of-date' ingenious' reliable' inexpensive' boring' weird' brilliant/ clever/ surprising/ astonishing/ powerful/ amazing/ environmental-friendly/ feasible/ attractive/ revolutionary/ safe/ cool/ trendy/ unique/ special/ practical/ impractical/ colourful/ unattractive

STEM in English – Writing a Script

	Name:	
S.2 English Group D.	Class.	()

STEM in English 2018-19.

How to Explain How a Product Works (4)₽

(1) Name & Function.	a	л
	a	а
(2) How it works	a	a
(Procedures)	a	.1
- Then,	a	а
- After that,	a	a
- Office.	a	.1
	a	a
(3) What happens	a	.1
(Situations)	4	л
- While.	a	.1
- Once.	4	а
- Whenever.	4	a
	4	а
	ā	л
(4) Other features	ā	a
(If any)	ā	.1
- so that	a a	a
	.5	а
(5) Selling points Comparatives	.5	.1
& superlatives.	.5	а
- Positive adjectives	a a	а
	a	а
	a	а
		1

Speaker 2: Cue card # 1.

Good morning, everyone. Let me carry on by explaining our design...

First of all, our handrails are very special. We added light indicators and little speakers. Why? This is because they would be very useful in reminding particular passengers on different things. For example, if someone has not held the handrail, a light will go on and a voice reminder will be played to remind him or her...

Moreover, due to the fact that many accidents involved passengers wearing sandals while standing too close to the edges of escalators, we added a detector to the edge as well.

Once there are objects getting too close to the edge, there will be voice reminders and light indicators.

Polite opening- address the audience.

- describing the design.

- matching the design with the problem that it is tackling.

- using questions.

- using reason clauses.

- using linking words.

- using positive adjectives.

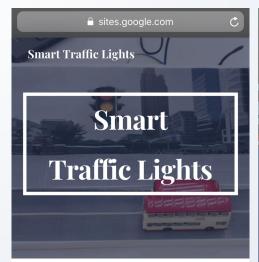
Speaker 2: Cue Card # 2.

Another feature of our product is that there is another detector to monitor if the escalator is working well. When the escalator is malfunctioning, usually the whole thing stops suddenly, resulting in passengers falling down and getting hurt. With this detector, there will also be voice reminders and light indicators once this happens. Also, the detector is attached to a system that can notify the staff to handle it immediately. This would be a great thing to speed up the management of the case. ...

Since the installation of Smart Escalators in Hong Kong would provide people not only a convenient but also safer way to take the stairs, the motion for today must stand. / The motion for today must be carried...

- Describing the design...
- Matching the design with the problem that it is tackling ...
- using reason clauses.
- using linking words.
- using positive adjectives...
- .1
- repeating your stance in closing.

STEM in English - Making a Multimodal Text





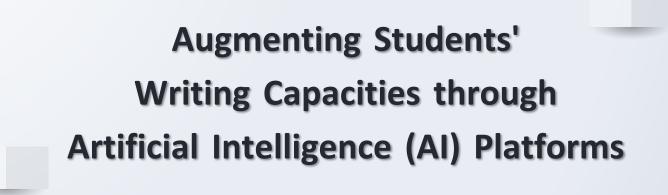


These sensors are connected to the microcomputer control board, which will sync the data collected to a cloud server, and the cloud server stores the data.

When the traffic lights detect there are a lot of cars, the traffic light will change into green light.







To promote writing

- web-based writing program
 - accessible using smartphones, tablets and computers
- supporting process writing
- multiple writing prompts
 - (school-based writing prompts are available)





Write & Improve

Al Writing | Process Writing

Write&Improve



Improve your writing fast. It's free.

- 1) Practise writing English
- 2) Get your grade in seconds
- 3) Look at the feedback and make changes
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Write & Improve is a free tool for learners of English that marks writing in seconds. It is provided in association with Cambridge English (part of the University of Cambridge).

Start Practising Now →

Write&Improve

Automatic grades and feedback for English writing

Write & Improve uses new technology developed at the University of Cambridge to mark English writing accurately, in seconds.

Submit your work and Write & Improve will score it on the CEFR (Common European Framework of Reference) scale, giving it a level from A1 (lowest) to C2 (highest).

Write & Improve also shows you the parts of your text that may need improvement. So you can work more on these areas and keep improving.



See how to improve your grade.



Write & Improve shows the parts of your text that you could improve. Check your spelling, grammar and vocabulary and try again. You can try again as often as you like.

Choose a topic, or create your own



Write & Improve lets you progress through a variety of topics at Beginner, Intermediate and Advanced levels. Or create your own tasks, based on your interests or homework, and Write & Improve will mark them

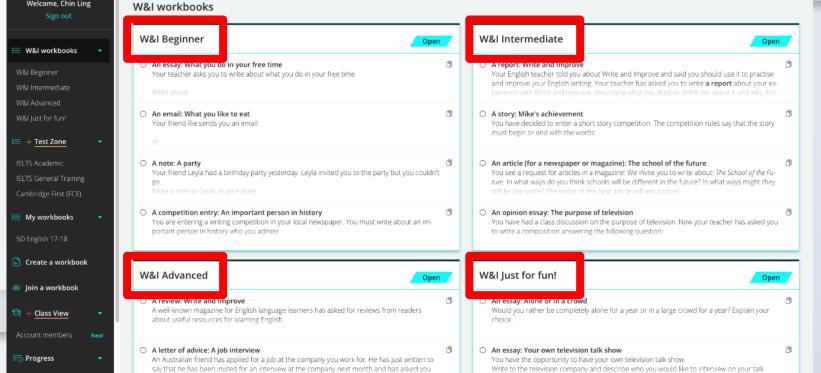
Understand your progress. Keep === improving.



Write & Improve gives you feedback with each task to help you improve your score. View graphs to see your progress. You can see how close you are to the next grade.

Pre-set topics for students of different levels

Welcome, Chin Ling West workhooks West workhooks





Choose a topic and start writing



Writing tasks are in folders called Workbooks.
The tasks cover many different topics. You can
try one before creating a free account.

Realistic exam questions



A Write & Improve + Test Zone subscription lets you practise with realistic exam questions for IELTS or Cambridge First (FCE). You'll know what to expect in the real exam.

We provide a wide variety of sample exam tasks, so the real task on the day won't surprise you.

Use Write & Improve + Test Zone to build your skills and your confidence for exam day.



Exam grades in seconds



Write & Improve gives your writing an IELTS or FCE grade in seconds. You'll know how close you are to the grade you want.

Write & Improve also shows where you can improve your text. In the exam you can only try once. With Write & Improve you can try again until your score improves!



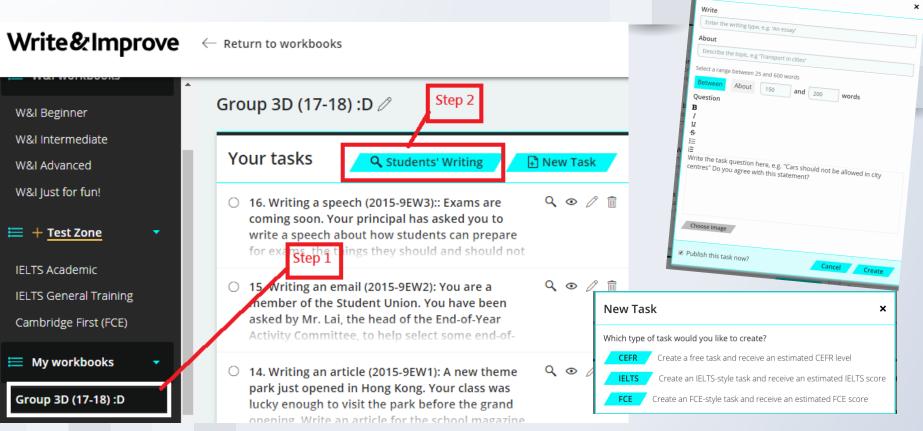
Focus your preparation



+ Test Zone helps to make exam preparation easier. Every time you click Check, Write & Improve will show how you can improve your text, so you can pay attention to the important areas. View graphs to see your progress.



School-based writing prompt

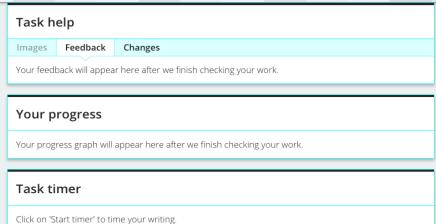


New CEFR Task

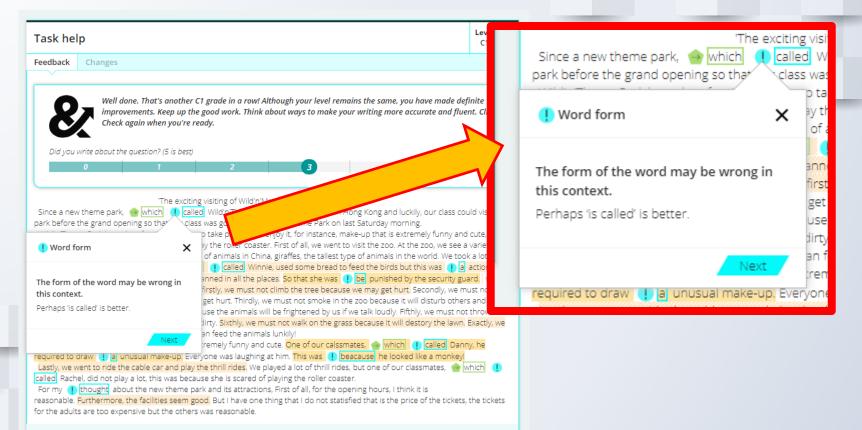
Students can revise their writing for multiple times

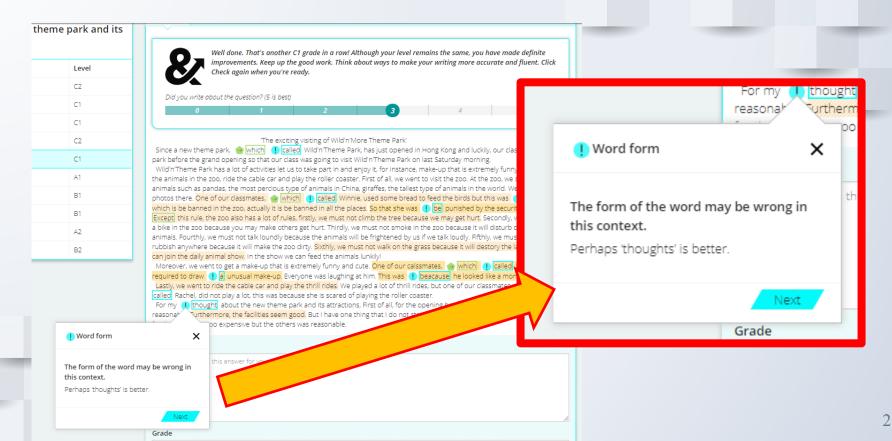
Check →

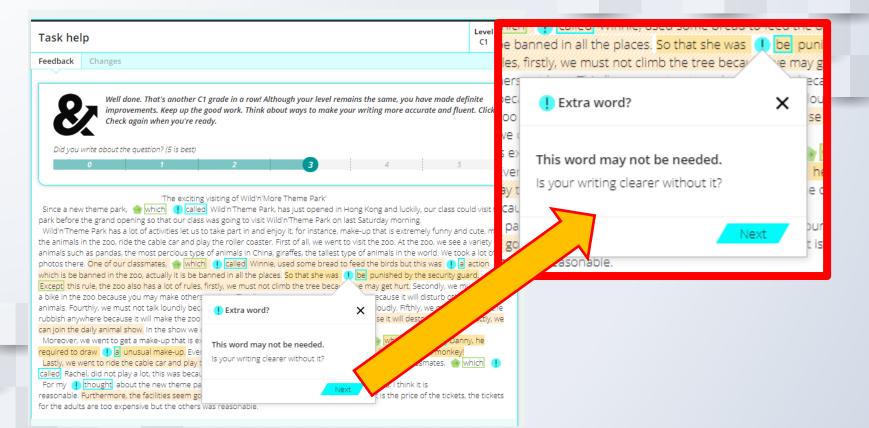
WP19 - intangible cultural heritage: WP19 - Intangible cultural heritage Recently the Hong Kong Government published a list of intangible cultural heritage items that the city should protect. The following were on the list: 1. Traditional egg tarts 2. Mahjong Write a letter to the editor of the Hong Kong Daily supporting the Government's choice of these two features of Hong Kong culture, suggesting why the are worth protecting and how they can be protected. Start again 🛝 3 Saved Write your text here.

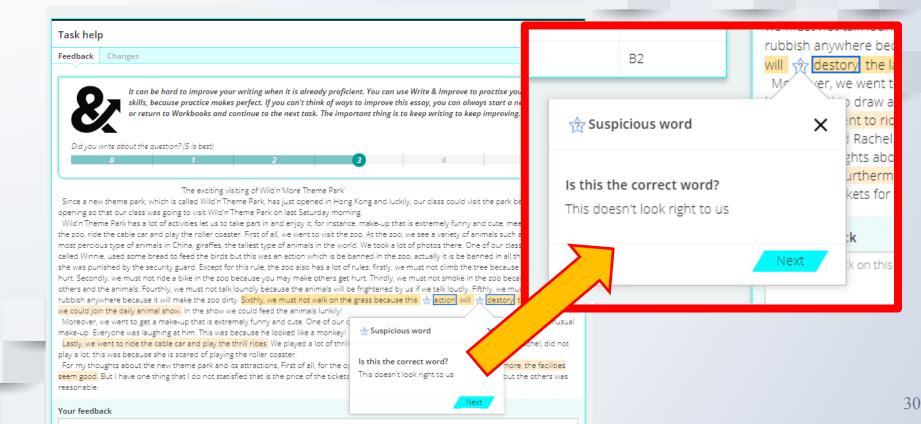


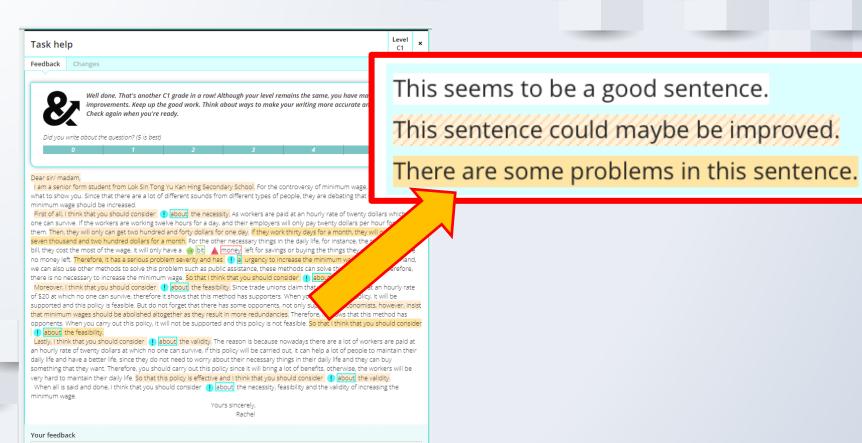
Start timer

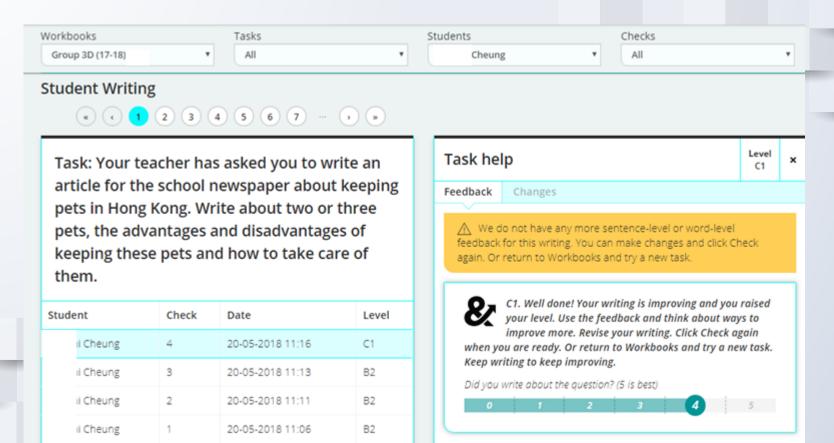








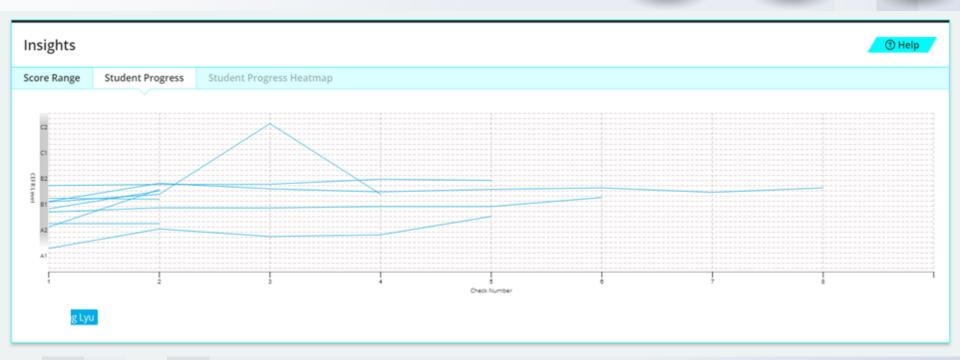




Students' progress



Students' progress



Feedback from teachers

One way 🏠	youths	can help	resolve	the problem	
-----------	--------	----------	---------	-------------	--

The development of healthy behavior is related to the community's social climate. Young people should review the literature on diet and physical activity and believe that the increase in impatience caused by obesity in recent years is due to the social environment that encourages excessive food intake and inhibits physical activity; for example, a large amount of food supplies, a large number of food advertisements, and food price choices. High-calorie foods, etc., and television, computers, steam engines, and mass transit systems are developed. Young people drum up their neighbors for static leisure activities.

Your feedback

Enter feedback on this answer for your student to see

Grade

Submit feedback





Grammarly

Process Writing | Peer Review

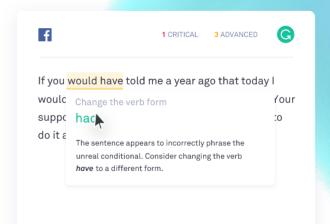
Great Writing, Simplified

Compose bold, clear, mistake-free writing with Grammarly's AI-powered writing assistant.

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20 million people use Grammarly to improve their writing



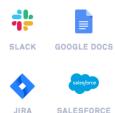
Emails and Messages







Documents and Projects



Social Media



Side-by-Side Comparison of Free & Premium Accounts

FEATURES	FREE	PREMIUM
Critical grammar and spelling checks	~	~
Advanced checks for punctuation, grammar, context, and sentence structure	×	~
Vocabulary enhancement suggestions	×	~
Genre-specific writing style checks	×	~
Plagiarism detector that checks more than 16 billion web pages	×	~

OTHER FEATURES:

- Check your writing across the web
- Access your documents on multiple devices
- Use native desktop apps (Windows and macOS)
- Catch contextual spelling and grammar mistakes
- See explanations of grammar rules

- Access your personal editor via Grammarly.com
- ✓ Integrate with Microsoft® Office (Windows only)
- See definitions and synonyms via double clicks
- ✓ Add words to your personal dictionary
- ✓ Get performance stats via email

Student	Check	Date	Level
4D-34 To	2	13-02-2019 15:08	B1
4D-34 To	1	13-02-2019 14:54	A2
4D-4 Chet	2	20-01-2019 06:53	C2
4D-4 Chei	1	20-01-2019 06:50	C1
4D-5 Chet	2	06-01-2019 11:15	B1
4D-5 Chet	1	06-01-2019 11:13	B1
4D-14 Ho	1	01-01-2019 20:41	A2
4D-33 Tar	2	01-01-2019 13:35	B2
4D-33 Tar	1	01-01-2019 13:35	B2
4D-18 Lar	10	28-12-2018 07:14	B1

Cambridge English Write & Improve

Task help

Feedback



Well done. That's another C1 grade in a row! Although your level remains the same, you have made definite improvements. Keep up the good work. Think about ways to make your writing more accurate and fluent. Click Check again when you're ready.

Dia you write about tr	ie question? (5 is best)		
			5

Dear sir/ madam

I am a senior form student from Lok Sin Tong Yu Kan Hing Secondary School. For the controversy of minimum wage, I have some idea what to show you. Since that there are a lot of different sounds from different types of people, they are debating that whether the minimum wage should be increased.

First of all, I think that you should consider ! about the necessity. As workers are paid at an hourly rate of twenty dollars which no one can survive. If the workers are working twelve hours for a day, and their employers will only pay twenty dollars per hour for them. Then, they will only can get two hundred and forty dollars for one day. If they work thirty days for a month, they will only can get seven thousand and two hundred dollars for a month. For the other necessary things in the daily life, for instance, the rent, food, water

bill, they cost the most of the wage, it will only have a 🥎 bit 🛕 money left for savings or buying the things they want, or it will have no money left. Therefore, it has a serious problem severity and has 1 a urgency to increase the minimum wage. On the other hand, we can also use other methods to solve this problem such as public assistance, these methods can solve this problem too, therefore, there is no necessary to increase the minimum wage. So that I think that you should consider 1 about the necessity.

Moreover, I think that you should consider 1 about the feasibility. Since trade unions claim that workers are paid at an hourly rate of \$20 at which no one can survive, therefore it shows that this method has supporters. When you carry out this policy, it will be supported and this policy is feasible. But do not forget that there has some opponents, not only supporters. Economists, however, insist that minimum wages should be abolished altogether as they result in more redundancies. Therefore, it shows that this method has opponents. When you carry out this policy, it will not be supported and this policy is not feasible. So that I think that you should consider

 about the feasibility. Lastly, I think that you should consider 1 about the validity. The reason is because nowadays there are a lot of workers are paid at an hourly rate of twenty dollars at which no one can survive, if this policy will be carried out, it can help a lot of people to maintain their daily life and have a better life, since they do not need to worry about their necessary things in their daily life and they can buy something that they want. Therefore, you should carry out this policy since it will bring a lot of benefits, otherwise, the workers will be very hard to maintain their daily life. So that this policy is effective and I think that you should consider [] about the validity. When all is said and done, I think that you should consider (1) about the necessity, feasibility and the validity of increasing the

> Yours sincerely, Rachel

Your feedback

minimum wage.

PERFORMANCE 66 SET GOALS ALL ALERTS 0 GRAMMAR PREMIUM 18 ALERTS HUMAN PROOFREADER PLAGIARISM

40

grammarly

Free Version

A letter to the Minimum Wage Board

by

grammarly

General metrics

3,135 characters **521** words

28

sentences

Writing Issues

2 min 5 sec reading

time

speaking time

4 min 0 sec

Score

66

26

Issues left

8 Critical 18 Advanced

This text scores better than 66% of all texts checked by Grammarly

Writing Issues

Grammar

Determiner use (a/an/the/this, etc.)

Wrong or missing prepositions

Modal verbs

Unique Words

Measures vocabulary diversity by calculating the percentage of words used only once in your document

35%

unique words

Rare Words

Measures depth of vocabulary by identifying words that are not among the 5,000 most common English words.

23%

rare words

Word Length

Measures average word length

4.4

characters per word

Sentence Length

Measures average sentence length

18.6

words per sentence

A letter to the Minimum Wage Board

Dear sir/ madam,

I am a senior form student from Lok Sin Tong Yu Kan Hing Secondary School. For the controversy of minimum wage, I have some idea what to show you. Since that there are a lot of different sounds from different types of people, they are debating that whether the minimum wage should be increased.

First of all, I think that you should consider about the necessity. As workers are paid at an hourly rate of twenty dollars which no one can survive. If the workers are working twelve hours for a day, and their employers will only pay twenty dollars per hour for them. Then, they will only can get two hundred and forty dollars for one day. If they work thirty days for a month, they will only can get seven thousand and two hundred dollars for a month. For the other necessary things in the daily life, for instance, the rent, food, water bill, they cost the most of the wage, it will only have a bit money left for savings or buying the things they want, or it will have no money left. Therefore, it has a serious problem severity and has a urgency to increase the minimum wage. On the other hand, we can also use other methods to solve this problem such as public assistance, these methods can solve this problem too, therefore, there is no necessary to increase the minimum wage. So that I think that you should consider about the necessity.

Moreover, I think that you should consider about the feasibility. Since trade unions claim that workers are paid at an hourly rate of \$20 at which no one can survive, therefore it shows that this method has supporters. When you carry out this policy, it will be supported and this policy is feasible. But do not forget that

1.	the minimum, or a minimum	Determiner Use (a/an/the/this, etc.)	Grammar
2.	idea about	Wrong or Missing Prepositions	Grammar
3.	that there	Determiner Use (a/an/the/this, etc.)	Grammar
4.	that whether	Determiner Use (a/an/the/this, etc.)	Grammar
5.	for	Wrong or Missing Prepositions	Grammar
6.	can	Modal Verbs	Grammar
7.	can	Modal Verbs	Grammar
8.	a urgency → an urgency	Determiner Use (a/an/the/this, etc.)	Grammar

A letter to the Minimum Wage Board

Dear sir/ madam,

I am a senior form student from Lok Sin Tong Yu Kan Hing Secondary School. For the controversy of minimum wage, I have some idea what to show you. Since that there are a lot of different sounds from different types of people, they are debating that whether the minimum wage should be increased.

First of all, I think that you should consider about the necessity. As workers are paid at an hourly rate of twenty dollars which no one can survive. If the workers are working twelve hours for a day, and their employers will only pay twenty dollars per hour for them.

Then, they will only can get two hundred and forty dollars for one day. If they work thirty days for a month, they will only can get seven thousand and two hundred dollars for a month. For the other necessary things in the daily life, for instance, the rent, food, water bill, they cost the most of the wage, it will only have a Missing word?

Did you forget something after this word?

Do you need to add 'of' or something similar?

bit money left for savings or buying the things they want, or it will have no money left. Therefore, it has a serious problem severity and has a urgency to increase the minimum wage. On the other hand, we



Premium Version

the minimum or a minimum	~ ~
idea about	v x
that there	v x
that whether	v x
Passive voice	v x
Passive voice	v x
for	v x
can	v x
the daily	~ ×

44

Premium Version

[the minimum or a minimum]

idea about

[that there]

[that whether]

Passive voice

Passive voice

A letter to the Minimum Wage Board

Dear sir/ madam.

will only have a

Missing word?

I am a senior form student from Lok Sin Tong Yu Kan Hing Secondary School. For the controversy of minimum wage, I have some idea 2 what to show you. Since that there 3 are a lot of different sounds from different types of people, they are debating that whether 4 the minimum wage should be increased s.

First of all, I think that you should consider about the necessity. As workers are paid 6 at an hourly rate of twenty dollars which no one can survive. If the workers are working twelve hours for 7 a day, and their employers will only pay twenty dollars per hour for them. Then, they will only can get two hundred and forty dollars for one day. If they work thirty days for a month, they will only can a get seven thousand and two hundred dollars for a month. For the other necessary things in the daily 9 life, for instance,

Did you forget something after this word?

Do you need to add 'of' or something similar?

bit 10 money left for savings or buying the things they want,

minimum wage. On the other hand, we can also use other 13

methods to solve this problem such as public assistance,

these methods can solve this problem too, therefore, there

is no necessary to increase the minimum wage. So 14 that I

think that you should consider about the necessity.

or it will have no money left. Therefore, it has a serious II problem severity and has a urgency 12 to increase the

the rent, food, water bill, they cost the most of the wage, it

can

[the daily]

[bit → Bit]

Overused word: serious

[-a-urgency → an urgency]

Repetitive word: other

A letter to the Minimum **Wage Board**

ISSUES FOUND IN THIS TEXT

70 of 100

2%

9

PLAGIARISM

SCORE

Contextual Spelling

No errors

Grammar

Conditional Sentences

DOCUMENT

Determiner Use (a/an/the/this, etc.) Wrong or Missing Prepositions

1 =

2

6

Punctuation

Modal Verbs

Punctuation in Compound/Complex Sentences

Sentence Structure

Incomplete Sentences

Style

Passive Voice Misuse

Wordy Sentences Improper Formatting

Intricate Text Vocabulary enhancement

Word Choice

1 —

at an hourly rate of \$20 at which no one can survive,

Moreover, I think that you should consider about the feasibility. Since trade unions claim that workers are paid 15

THANK YOU.

Mr. MAN Ho-wai

manhw @ykh.hk

Ms. LEE Ming-yi, Portia

leemy @ykh.hk