



Making use of 'Reading Progress' in Teams to improve students' pronunciation and reading fluency with AI

Miss Law Man Tung and Mr Kan Ka Hei



About Speakers

Miss LAW Man Tung

- English Teacher, HKSKH Bishop Hall Secondary School



Mr KAN Ka Hei

- IT Head, HKSKH Bishop Hall Secondary School
- Seconded Teacher, EDB (IT in Education Centre of Excellence)





About HKSKH Bishop Hall Secondary School

- Located in Sau Mau Ping (Kwun Tong)
- IT in Education Centre of Excellence, EDB (since 2019/20)
- Microsoft Showcase School (since 2017)
- Microsoft teams and OneNote are widely used
- Fully adopted BYOD (iPad Apple Pencil) in 2020/21

Our E-learning Resource Hub

- <https://hkedcity.instructure.com/courses/4760>

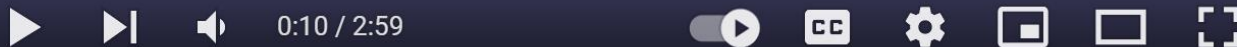




Introducing Reading Progress

Introducing **Reading Progress** in Microsoft Teams

Subtitles/closed captions (c)



<https://www.youtube.com/watch?v=z9g0-rzT8IE>



**See how well AI can catch
our mistakes! 😊**





2羅



Activity



Chat



Teams



Assignments



Calendar



Calls



More

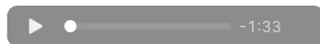
Sep 20 / MT9 Reading aloud

Close

Attempts: 2

Words: 129

Insights

Auto-Detect PREVIEW ⓘ

Pronunciation sensitivity



Medium

Return full report to student

Edit

63

Correct words
per minute

74%

Accuracy rate

18 Mispronunciations

3 Omissions

12 Insertions

1 Repetitions

0 Self-corrections

5

Practised
Words

In discussions about pollution problems, noise pollution is not usually the first thing that **springs** to mind. **Nonetheless** it is **affecting** the health of millions of people. The problem is **especially** bad for people who live in **cities**, where common causes of noise pollution **is** are traffic, **construction**, and electronics.

Student work

✓ Handed in [View history](#)

Sep 20 / MT9 Reading ...

[Take action in student view](#)

Feedback

Enter feedback



Points

No points

Return

[Hide pane ⓘ](#)



How to interpret the result

63

Correct words
per minute

74%

Accuracy
rate

18

Mispronunciations

3

Omissions

12

Insertions

1

Repetitions

0

Self-corrections

Attempts: 2

Words: 129

Insights

Mark as

☐ Correct

☒ Mispronunciation

☐ Omission

☐ Insertion

☐ Repetition

☐ Self-correction

Text tools



☒ Jump to word

In discussions about

problems, noise pollution

usually the first thing that **springs**

to mind. **Nonetheless** it is **affecting**

the health of millions of people.



What you want to include in the report

09:14 Mon 21 Nov

2 羅

Activity

Chat

Teams

Assignments

Calendar

Calls

More

Sep 20 / MT9 Reading aloud

Close

Attempts: 2 Words: 140 Insights

Auto-Detect PREVIEW

Edit what your student will see

Select the information you want to include in your students' report.

Full report
Include the student's video, marked passage, and error summary.

Simplified report
Return only the student's video and marked passage.

Customised report >
Choose which parts of the report you'd like students to focus on.

Apply this change:

☒ Just this once ☐ For all assignments to be returned, including future Reading Progress assignments

Cancel Save

Student work

✓ Handed in View history

Sep 20 / MT9 Reading ...

Take action in student view

Feedback

Enter feedback

Points

No points

Return

Hide pane



Customized report

09:14 Mon 21 Nov

100%

2維

Activity

Chat

Teams

Assignments

Calendar

Calls

More

Sep 20 / MT9 Reading aloud

Close

✕

Edit what your student will see

Select the information you want to include in your students' report.

Student performance

☒ #
Correct words per minute

☒ %
Accuracy rate

☒ Mispronunciations

☒ Omissions

☒ Self-corrections

☒ Insertions

☒ Repetitions

About the reading

☒ Number of attempts

☒ Reading level

☒ Word count

☒ Reading Coach results

Back

Save

<

>

Student work

✓ Handed in [View history](#)

Sep 20 / MT9 Reading ...

Take action in student view

Feedback

Enter feedback

Points

No points

Return

Hide pane



Reading Progress



Strengths

- Students can complete it at home
- AI can help to do the analysis
- Save the time for teachers to listen to the recording

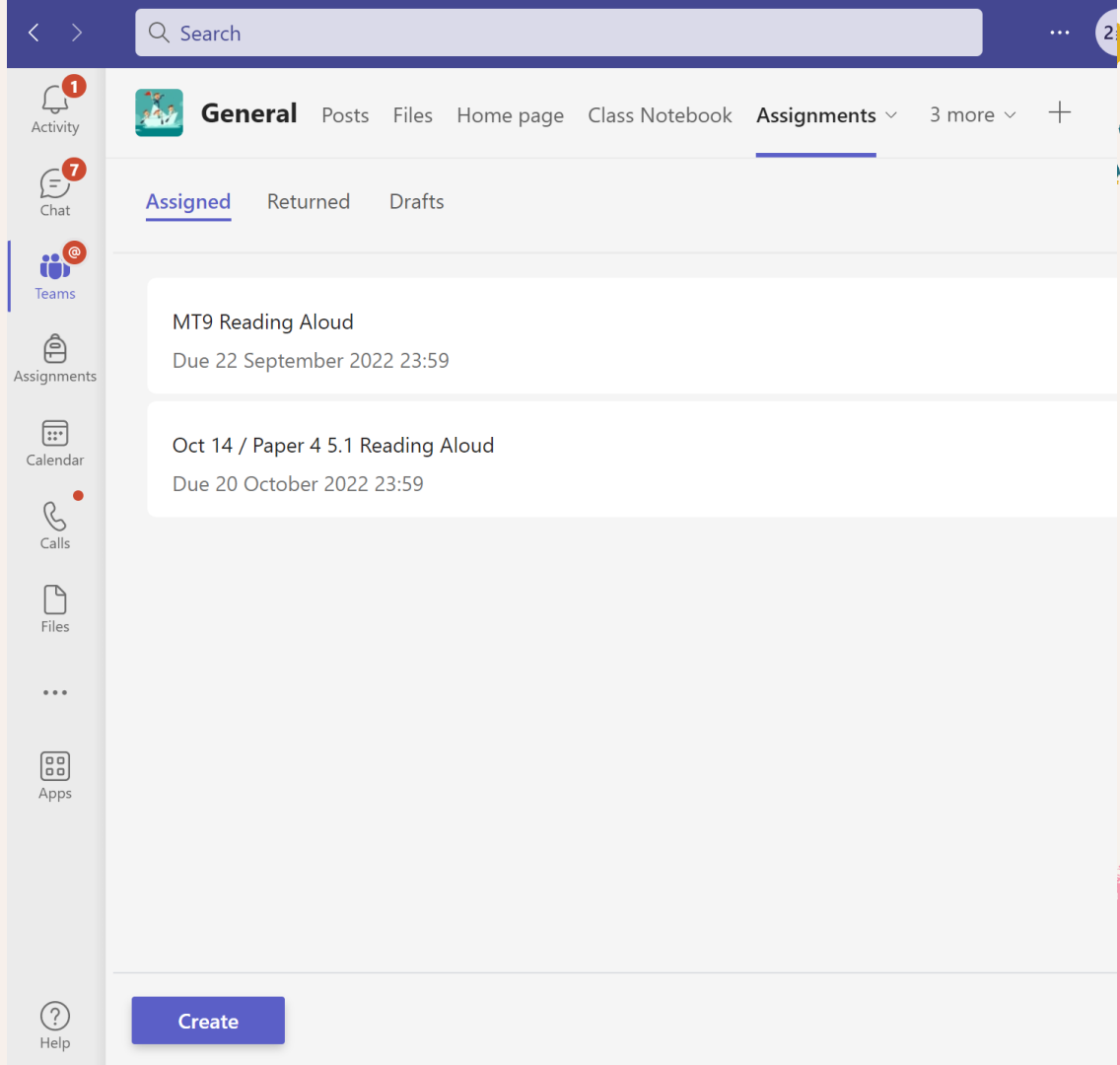
Limitations

- Fluency cannot be assessed yet



Microsoft Teams

- Go to “**Assignments**” tab
- Choose “**Create**”





- Enter the **Title** of the assignment
- Press “**Attach**”

Attach + New Apps

OneDrive

Class Notebook

Link

MakeCode

Teams

Reading Progress

Upload from this device

Assignment will be posted immediately

Search

Activity 1 Chat 7 Teams Assignments Calendar Calls Files Apps Help

General Posts Files Home page Class Notebook Assignments 3 more +

New assignment Discard Save Assign

Title (required)
Enter title
Add tag

Instructions
B I U | | | | | | | |
Enter instructions

Attach + New Apps

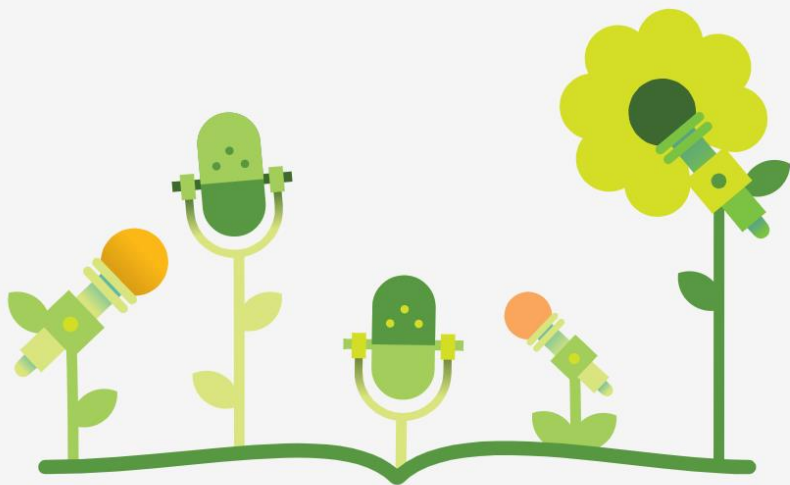
Points
No points
Add rubric

Assign to
2223_6CD2_ENG_LMT All students

Don't assign to students added to this class in the future. Edit

Date due Time due
Sun, 20 Nov 2022 23:59

Assignment will be posted immediately with late hand-ins allowed. Edit



Practice makes progress. Let's get going!

Import Word or PDF

Browse sample library

You can choose to:

- **Import Word or PDF**
- **Browse sample library**

 OneDrive

 Teams

 Class Notebook

 Upload from this device

Import Word or PDF



Sample library



Get acquainted with Reading Progress by choosing a sample passage from ReadWorks. Sample passages are in American English. When you're ready for customised passages, check out our [tips on developing and maintaining your own Reading Progress library](#).

Grade level

K	1	2	3	4	5	6	Secondary
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You can select the appropriate **Grade Level** and **Lexile Level**

Reading passage title ^	Genre ^	Lexile level ^	Word count ^
A Baby Polar Bear Grows Up	Non-fiction	300L	94 words
A Big Star	Non-fiction	200L	50 words
A Camping Trip	Fiction	430L	150 words
A Community of People	Non-fiction	130L	86 words
A Date with Rachmaninov	Fiction	910L	683 words
A Tornado Is Coming	Fiction	190L	75 words

Reading passages by
ReadWorks ①

Cancel

Select



- **Number of attempts**

- **Time limit**

- **Pronunciation sensitivity**

- **Reading Coach:**
Identify students' most challenging words and provide support for independent practice.

Reading Progress

CloseNext

< Choose a different passage

EditStudent view

MT9 Reading Aloud86 words | English (United States)

In discussions about pollution problems, noise pollution is not usually the first thing that springs to mind. Nonetheless it is affecting the health of millions of people. The problem is especially bad for people who live in cities, where common causes of noise pollution are traffic, construction, and electronics.

Not only does excessive exposure to noise damage the hearing, it also has significant psychological effects. Scientists have found that noise pollution disrupts sleep patterns. It also generates high levels of stress and even anti-social behavior.

Reading level ⓘ

Enter reading level

Genre

None

Number of attempts

Unlimited

Time limit ⓘ

No limit

Pronunciation sensitivity ⓘ

Default

Reading Coach ⓘ Edit

Preview

Require video



Additional Support: OneNote – Immersive Reader

20:42 Sun 20 Nov 2223_6CD2_ENG_LMT Notebook 77%

Home Insert Draw View Class Notebook

Calibri 20 B I U abc A Styles

< Sep 20 / MT9 Reading aloud

Tuesday, September 20, 2022 7:39 AM

In discussions about pollution problems, noise pollution is not usually the first thing that springs to mind. Nonetheless it is affecting the health of millions of people. **The problem is especially bad for people who** live in cities, where **common causes of** noise pollution are traffic, construction, and electronics.

Not only does excessive exposure to noise damage the hearing, **it also has** significant psychological effects. **Scientists have found that** noise pollution disrupts sleep patterns. It also generates high levels of stress and even anti-social behavior.

Moving forward

As pollution levels continue to rise, so do the negative health effects. **Unless** current attitudes towards pollution change drastically, we will likely face even worse environmental conditions in the future.



Four factors affecting students' pronunciation

01

Consonant clusters

03

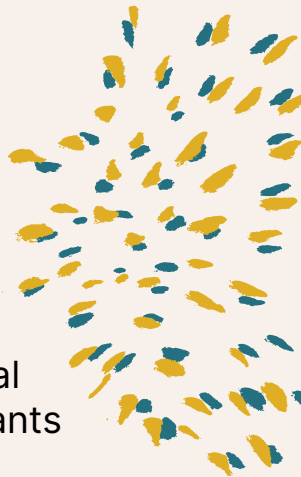
Syllable-final
consonants

02

Consonants not found
in Cantonese
inventory

04

Stress





Thank you.

