

MOODIE.AI – USING AI TO ENHANCE SPEAKING SKILLS

SHARING BY JU CHING CHU SECONDARY SCHOOL (KWAI CHUNG)

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OUTLINE

- Students' difficulties in speaking
- Objectives of using moodie.ai in speaking lessons
- Assessment modes
- Three key stages of application in language classroom
- Outcome – enhancing students' speaking proficiency
- Implications on self-directed learning

STUDENTS' DIFFICULTIES IN SPEAKING

- **Pronunciation accuracy**

Breaking down words into syllables

Pronouncing individual syllables clearly and accurately

- **Fluency in speech**

Reading multiple sentences / parts of a sentence without suitable pauses

Reading words independently (e.g. pausing after every word)

OBJECTIVES OF USING MOODIE.AI IN SPEAKING LESSONS

Assess students' speaking abilities in terms of pronunciation accuracy and making pauses in speech

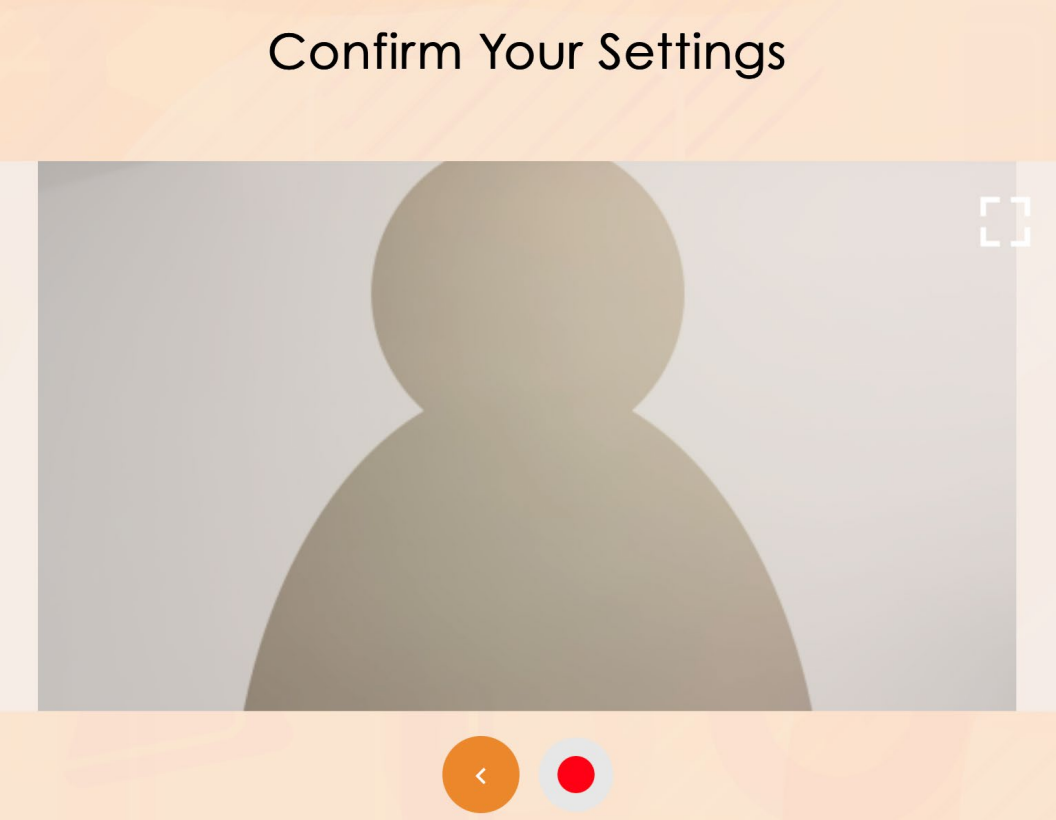
Provide evidence-based support materials to improve students' speaking skills

TWO ASSESSMENT MODES

Reading Aloud Assessment – Focused on pronunciation accuracy of vocabulary items

Reading Passage Assessment – Focused on fluency in speech and making pauses

AI-ASSISTED READING ALOUD ASSESSMENT



AI-ASSISTED READING ALOUD ASSESSMENT

We will show you 8 words one by one in the following video.

Please try your best to speak the words out. Only answer each word once, and you have 3 seconds to repeat each word.

AI-assisted Reading Aloud Assessment

Convenient

1

AI-ASSISTED READING PASSAGE ASSESSMENT

Conclusion

We speak two languages. We are bilingual! Are you bilingual? Being bilingual makes you close to two worlds.

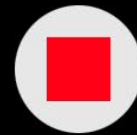
Please stop the video when finished.

Check the video playback.

If everything is okay then submit.

If you want to retry press retry

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Show Preview

STAGE I – PRE-TEST OF SPEAKING ABILITY

Students completed the AI-assisted ‘reading aloud’ and ‘reading passage’ assessments.





Teachers obtained the pre-test results of students’ speaking proficiency in pronunciation accuracy and speaking fluency.



 Pronunciation score	52
 Tone group score	24

Stage 2 – Speaking Skills Analysis and Tailored Speaking Practice

- Focused practices of commonly mispronounced syllables

	Word	Pronunciation scoring	Your answer	Model answer
Q1	Transport	85		
Q2	Convenient	20		

Stage 2 – Speaking Skills Analysis and Tailored Speaking Practice

- Students took turns reading aloud to make the pauses clearly

Transcript

/Being bilingual ▼What language speak /to speak one language For more than one
▼people who speak two languages are /bilingual /free and /live /in /Canada /is
language ▼He speak speech and English ▼His teacher used fee /and English in class
/as reading and social study /speech /and /English /York ▼He is hes /pan /and /he
speaks the language ▼He speaks speech and English his grandparents moved to New
York City from /His grandfather took /him to sing speech /shown and play /guitar /We
speak two languages We are bi bilingual Make /close /to two /



Stage 2 – Speaking Skills Analysis and Tailored Speaking Practice

- Analysis of sample demo videos



STAGE 3 – POST-TEST OF SPEAKING ABILITY

Students conduct the same assessments on the AI platform and review their performance report after the tailored speaking practice.

The teacher provides individualized feedback on their learning progress.



OUTCOME - ENHANCING STUDENTS' SPEAKING PROFICIENCY

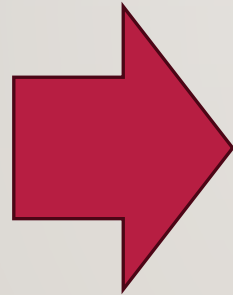
Out of 12 students being assessed, 40% of them showed a significant boost (> 20% increase) in pronunciation.

Over 60% of students agreed that they have learnt the importance of pausing in the passage.

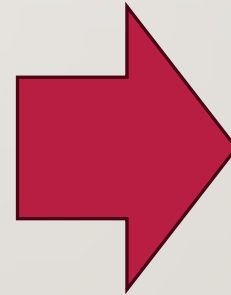
IMPLICATIONS ON SELF-DIRECTED LEARNING

After students reflect on their performance reports, they can record and submit the speaking videos on the AI platform for multiple times.

Students analyze and **find out their own learning needs** on pronunciation accuracy and speaking fluency



They **set goals** to enhance the speaking ability in specific areas based on their individual needs



They **self-evaluate their learning outcomes** and continue to **revise learning strategies and improve speaking skills** based on feedback on the AI platform

THANK YOU

