

ENGLISH EDUCATION PLAN

FOR LOWER GRADES OF ELEMENTARY

REFORMING THE CORE — AI × PRONUNCIATION

Osaka Prefectural SENRI Senior High School



Introduction



Japan

96th

/123rd

according to the EF English Proficiency Index in 2025



Current English education needs to

be improved

for lower-grade elementary students

Current Education System

English is **not compulsory** in grades 1–2.

Why?

Hard for teachers to teach

Pronunciation is **not formally taught**.

Should pronunciation be taught in grades 1–2?
→Yes

The critical period for language acquisition

Average word-level intelligibility
(percentage of words correctly recognized)

Native speaker

89.2%

Japanese males

49.8%

Japanese females

52.0%

Citation: 車松 信明 岡部 浩司 シュー・ヘンリック 広瀬 啓吉(2005)『米語母語話者を対象とした日本人英語の聞き取り調査』pp. 6.

Learning pronunciation improves communication.

How to solve?

We think

AI

is effective

How to solve?

Pronunciation



Listening

Speaking

Reading

Writing

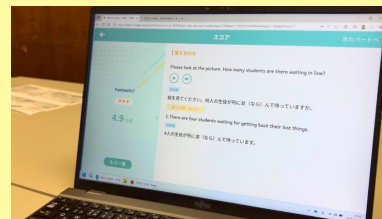
Research Q. Are there any AI apps that have been introduced in schools?

“BASE in OSAKA”

- ★ practice speaking with AI
 - ★ an app used in Osaka classrooms
 - ★ give feedback and scores on students' pronunciation
- However, the number of proposals is limited.

Fixed-type AI

Only pre-programmed solutions can be proposed.



25/08/2025–Visited the Osaka Prefectural Board of Education

Difference between Fixed-type AI and Generative AI



Fixed-type AI

Ex: BASE in OSAKA



Generative AI

Ex: ChatGPT

limited range of expressions



Diversity of expression



unlimited suggestions

more accurate based on programs



Consistency in grading



grading criteria are ambiguous

tasks are clear,

making it easy to maintain motivation



Ease of learning



hard for beginners to continue learning;
more appropriate for advanced learners

suitable for building basic skills

Ex: Pronunciation, Speaking

helps learners develop practical skills

Ex: Practice Conversation

Using an app with these two types of AI will maximize students' potential.

Conclusion &Aspiration

- Early pronunciation education is essential to build a basement of English.
- A blend of Fixed-type AI and Generative AI is effective in raising overall English levels.
- We need to demonstrate the effectiveness of AI app with real students.