

The 54th Annual Joint Meeting of JELES

Integrating Chat GPT for Speaking Practice in a Japanese University English Class

Yukari Takahashi (SANNO University)
Shizuko Tomioka (SANNO University)

Introduction

- Motivation is considered a necessary element in language learning and engagement.
- Can Chat GPT, seen as a revolutionary educational tool, be effective in increasing motivation?

Literature Review

Motivation

- Self-determination Theory (Deci & Ryan, 1985)



Extrinsic Motivation

Intrinsic Motivation

Literature Review

Intrinsic Motivation (Dörnyei & Ushioda, 2021)

- The motivation comes within the individual
- There should be a genuine interest/ curiosity in the activity itself
- There should be positive emotions and sense of personal accomplishment

Speaking Practice with Chat GPT



Welcome to ChatGPT

This official app is free, syncs your history across devices, and brings you the latest model improvements from OpenAI.



ChatGPT can be inaccurate

ChatGPT may provide inaccurate information about people, places, or facts.



Don't share sensitive info

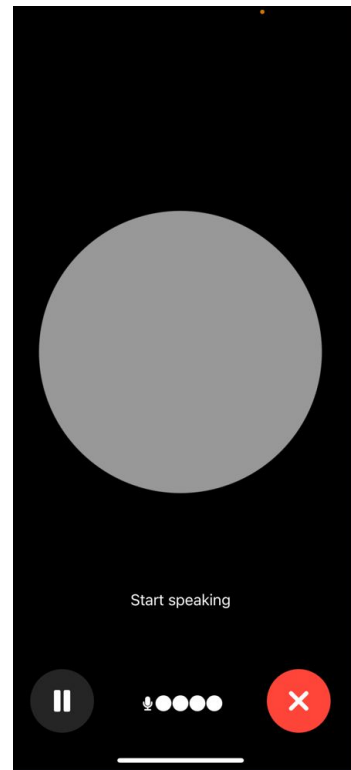
Chats may be reviewed by our AI trainers to improve our systems.



Control your chat history

Decide whether new chats on this device will appear in your history and be used to improve our systems.

Continue



Methods

Participants

- 56 Japanese undergraduate students
(A1–A2 levels in CEFR)

Suffer from low motivation and confidence

Experiment

November – December 2023

Speaking Practices

- A series of four speaking sessions (20–30 minutes/ session)
- Incorporate both practical conversational exercises and guidance on effectively utilizing Chat GPT as a conversational partner

TOPICS

1. My favorite sportsperson
2. My favorite weather or season
3. My favorite restaurant
4. My dream

Lesson Flow

1

- Learn key phrases for the topic

2

- Learn Chat GPT prompts

3

- Practice speaking with Chat GPT in a classroom

4

- Practice speaking with Chat GPT as homework
- (Aim to engage in the conversation at least three times)

Lesson Flow

プロンプト（指示だし）

あなたは英語講師です。私は英語学習者です。
これから英語のスピーキングの練習をします。
トピックは「私の好きな天気・季節」です。
スピーキング中に間違いがあったら指摘してください。
また、スピーキング後に3つ質問をしてください。

- You are an English teacher. I am an English learner.
- Let's practice English conversation.
- The topic is "my favorite weather or season."
- Correct my mistakes while we chat.
- Ask me three questions after the conversation.

Lesson Flow

表現の幅を広げるために

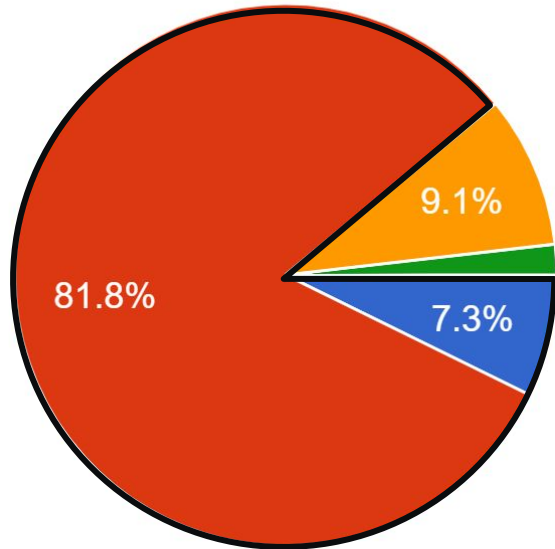
- ▶好きな天気や季節について話す際に使える表現を5つ教えてください。
- ▶もう少し易しい英語で書いてください。

Further Practice

- Give five useful expressions for talking about favorite weather and seasons.
- Write the answers in simple English.

Participants' Reaction

To what extent has your motivation for learning English improved? (n=55)



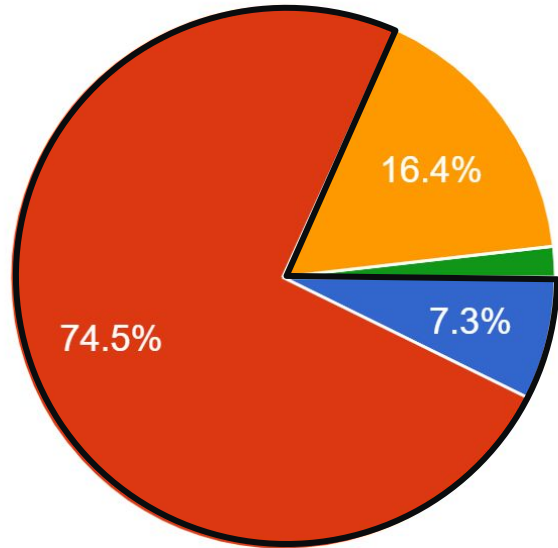
- Highly improved
- Somewhat improved
- Didn't improve much
- Didn't improve at all

Participants' Comments

- Immediate response from Chat GPT increased my motivation.
- Chat GPT helped me broaden my knowledge.
- It was fun to speak with Chat GPT.

Participants' Reaction

To what extent has your speaking skill improved? (n=55)



- Highly improved
- Somewhat improved
- Didn't improve much
- Didn't improve at all

Participants' Comments

- I can learn correct pronunciation through speaking with Chat GPT.
- Chat GPT corrected my mistakes, leading to improvement in vocabulary and grammar skills.



Participants' Comments

-Chat GPT's Advantages-

- I was able to study English by myself.
- I did not feel nervous when practicing with Chat GPT.
- Chat GPT is a good conversational partner.

Participants' Comments

-Chat GPT's Disadvantages-

- Chat GPT may limit our thinking capacity.
- Speaking with Chat GPT is impractical because I cannot read facial expressions.
- Sometimes, Chat GPT provides false information.

Conclusion

- Chat GPT can be a good conversational partner in English learning.
- It is important for teachers and students to recognize Chat GPT's limitations and use them appropriately.
- Due to the potential threat of limiting thinking capabilities, teachers need to monitor students to ensure they do not overly rely on it.

References

Deci, E. L., & Ryan, R. M. (1985). *Intrinsic motivation and self-determination in human behavior* Plenum Press. *New York*.

Dörnyei, Z., & Ushioda, E. (2021). *Teaching and researching motivation*.(3rd ed.). Routledge

Thank you for listening.

Yukari Takahashi
(takahashiyu@mi.sannon.ac.jp)
Shizuko Tomioka
(tomioka@mi.sanno.ac.jp)

