

研究タイトル: Technology, Communication, and Presentations in English Language Learning



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キーワード:	Technology, AI, Translation software, English Communication, EFL, English Presentations		
技術相談 提供可能技術:	TOEIC, Instruction for English speeches and presentations, EFL communication and conversation, Improved listening skills and understanding of connected speech.		

研究内容: Translation Software and AI to assist English Language Acquisition

Technology is part of the daily lives of modern students and is becoming more prevalent within schools and education. In education, it has the potential to bring positive change through the addition of relevant and varied learning activities, further resources, and improved enjoyment and fun in the learning process. It is an integral part of the modern learning environment, helping teachers design individualized learning for each student and facilitating learning. In an increasingly international society, English is recognized as a global language, and students are expected to be able to communicate with others in English in this community. Additionally, the use of AI is becoming more widespread for learning English. I am conducting research on how students use technology to assist them in studying and learning English as a Foreign Language (EFL). In recent years, advances in technology have given students access to software that instantly translates texts into different languages. This allows students to translate a foreign language into their native language in real time. AI-based programs also create content in foreign languages, and these tools are readily available. However, the use of these tools is a challenge for educators, as it is difficult to ascertain if students are learning or simply relying on AI answers or translations. Therefore, I hope to identify how AI and translation software can contribute to the English communication skills of Japanese high school students and streamline foreign language learning with the following three research questions:

1. How can translation software benefit high school students in their second language acquisition?
2. What are effective ways to use technology as a learning tool in Japanese EFL classrooms?
3. To what extent does the use of technology in Japanese EFL classrooms affect the results of foreign language activities and tests?

Skills are developed through usage, and students need opportunities to speak and listen to English speakers from a variety of different backgrounds. Technology can aid students connect with speakers from other countries and practice listening and speaking English. It can also help students learn more about other cultures and places. This will help them to gain confidence in using a second language and help improve their motivation to learn. Motivation is a key factor in learning and technology can play an integral part in helping students increase their motivation. Students must have a comfortable and inclusive environment to help them find the best ways to improve their language skills, which is what my classroom and research aims to help improve, through group and individual communication and discussions, listening exercises, presentations, and technology usage.

担当科目	英語表現Ⅲ, 実践英語, 英語会話
過去の実績	English Café (2020-2025), Junior Doctor Training (2023, 2024), Kosen Presentation Contest (2023, 2024), English Campus (2020)
近年の業績 (研究・教育論文、特許含む)	<ul style="list-style-type: none"> Examining the Usage of E-Learning in TOEIC English Classes: A Report Aimed at Optimizing and Individualizing Learning (2025) Implications of Translation Software and AI Usage on English Language Acquisition by Japanese High School Students (2024)

提供可能な設備・機器:

名称・型番(メーカー)
