

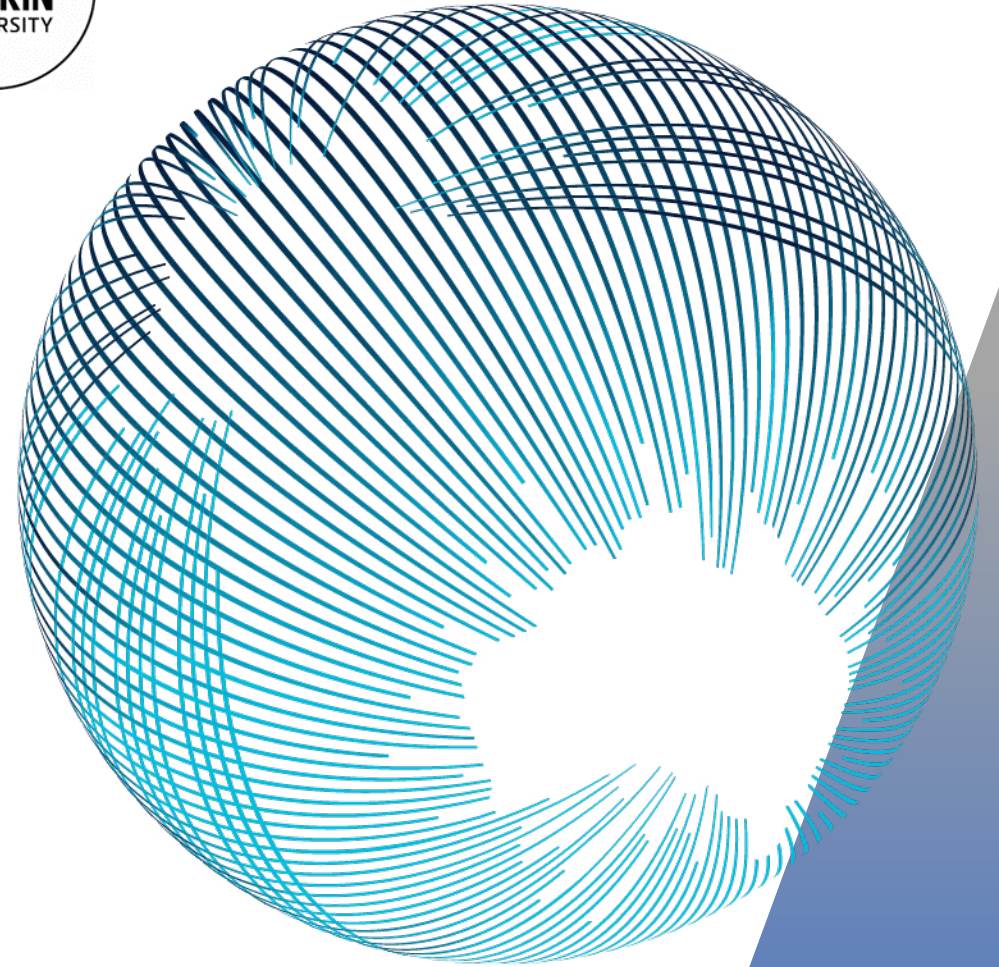


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Leon Furze

Generative Artificial Intelligence and English teaching





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About

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Overview

What is Generative Artificial Intelligence?

How are English teachers engaging with GAI?

What are the implications for English teacher identity?

My proposed study

Q&A





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What is Generative Artificial Intelligence?

Artificial intelligence/machine learning technology

Uses algorithms to “understand” data and produce new data

Multimodal: text, image, audio, visual, video

ChatGPT, Bing chat, DALL-E, Midjourney, Runway... *thousands* of applications



THE AI ICEBERG

LLMS

DATASETS



CHATGPT

A fine-tuned version of the GPT model, trained to act like a conversational chatbot

LARGE LANGUAGE MODEL (LLM)

A neural network trained on large amounts of data. LLMs can be trained to predict language and demonstrate knowledge based on the information in the dataset.

THE DATASET

The training material for the LLM. Some LLMs draw on data such as the Common Crawl, Wikipedia, and GitHub





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How are English teachers engaging with Generative AI?

“I ask students to complete a handwritten essay and to use the prompt "Improve my essay", to discover what they could utilise.”

“I am experimenting with ChatGPT to generate stimulus material, activities, and essay samples for students.”

“I've shown students how they might ask ChatGPT questions to help them narrow and generate their essay topic, a range of arguments, and make suggestions about making a draft paragraph more persuasive.”

“Students have experimented with getting the AI to write responses for them, then we critique the merits and shortcomings.”

(VATE, 2023)





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What are the implications for English teacher identity as teachers of (digital) writing?

GAI *might* help with creating multimodal texts, e.g., text/image/video

GAI might help students to express themselves in writing and other modes

GAI might help English teachers with writing instruction via assistive chatbots

On the other hand...

GAI might be used to replace certain skills or “make them more efficient”

GAI might contribute to standardised testing and formulaic writing

GAI might become another burden on teachers’ time





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My proposed study

English teachers' perspectives on engaging with Generative AI Writing Tools in their Digital Writing Practices and Pedagogies

Research questions concerned with how teachers are engaging with the technology, and how they perceive the impact of the technology on their identities as teachers of writing.

“Teacher-writers”





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Q&A

