THE EFFECTIVENESS OF AUTOMATED WRITING EVALUATION ON WRITING QUALITY: A META-ANALYSIS

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Journal
Journal of Educational Computing Research

Year
2022

KEY TERMS

Automated Writing Evaluation (AWE)

An educational technology that provides computer-generated feedback on writing

WHAT CAN I LEARN FROM THIS SECONDARY RESEARCH?

What is the effectiveness of AWE in learners' writing quality, and the factors influencing its effectiveness?

WHAT EVIDENCE IS SUMMARISED?

26 studies

WHAT DOES IT FIND?

- AWE can facilitate learners' writing.
- When AWE provides students with negative feedback, students can identify errors in their language use, and improve their interlanguage development.
- Feedback provided by AWE is individualised.
- AWE allows learners to interact with the system and peers.
- Post-secondary students with higher proficiency in using technology can benefit more from AWE.
- AWE is relatively weak in providing feedback on argument quality and audience sensitivity.

HOW CAN I USE THE FINDINGS IN MY TEACHING?

- Additional technical training and support can be given to young learners when they first use AWE to ensure a smooth transition.
- Teachers can incorporate AWE with teacher and peer feedback.
- Teachers can help learners benefit more from AWE by facilitating their self-reflection.