



CAN FASTER FEEDBACK IMPROVE LEARNING?

What New Research Says About AI-Supported Peer Assessment

Excellent Educator, 3(11), 9-10, 2026

WHAT RESEARCH FOUND

Researchers examined whether automated corrective feedback combined with peer assessment could improve language learning. Students receiving AI-supported feedback achieved better learning outcomes, reported higher intrinsic motivation, and demonstrated stronger self-regulated learning beliefs than students using conventional peer assessment alone.

Immediate, personalized feedback helped learners identify mistakes quickly and reflect on improvements. Combining peer interaction with automated support appeared particularly effective.

WHY THIS MATTERS

Feedback is among the strongest influences on learning, yet providing timely, individualized feedback remains challenging in busy classrooms.

CLASSROOM REALITY

Teachers Want	Students Often Experience
Timely feedback	Delayed responses
Individual support	General comments
Reflection	Quick correction
Improvement	Grade focus



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Research interpreted for real classroom

Theme: What Actually Helps Students Learn? Volume 3-11, 2026

ISSN: 3048-9121 (Online) excellenteducator.org

TRY TOMORROW

1. Provide feedback during learning.
 2. Use peer review strategically.
 3. Require revision after feedback.
 4. Focus comments on next steps.
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CAUTION

Feedback improves learning only when students have opportunities to act on it.

ONE KEY TAKEAWAY

Timely, specific feedback can strengthen learning when students have opportunities to act on it.

Keywords: feedback, peer assessment, AI, motivation

Reference:

Liu, C.-C., Hwang, G.-J., Yu, P., Tu, Y.-F., & Wang, Y. (2025). Effects of an automated corrective feedback-based peer assessment approach on students' learning achievement, motivation, and self-regulated learning conceptions.