



INTEGRATING SCIENCE, THOUGHT, AND TECHNOLOGY: TOWARD AN ARTIFICIAL INTELLIGENT ENVIRONMENT

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THE EFFECTIVENESS OF COMMUNICATIVE GRAMMAR TASKS FOR ENHANCING GRAMMATICAL ACCURACY AND FLUENCY IN TEACHING ENGLISH TO 10TH–11TH GRADE STUDENTS

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Annotation: *The present research investigates the impact of Communicative Grammar Tasks (CGTs) on the linguistic development of 10th and 11th-grade students. While traditional methods often prioritize the mechanical mastery of rules, this study focuses on how task-based communicative activities can simultaneously improve grammatical accuracy and fluency. The thesis examines various interactive techniques—such as role-plays, information-gap activities, and problem-solving discussions—to determine their efficacy. Furthermore, it explores the integration of Artificial Intelligence (AI) tools to provide personalized feedback and digital scaffolding, ensuring a more efficient learning process. The findings suggest that when grammar is taught within a meaningful context supported by modern technology, students demonstrate a higher ability to use correct forms spontaneously during oral communication.*

Keywords: *Communicative Grammar, Accuracy, Fluency, 10th-11th Grade, Task-Based Learning, ESL/EFL Methodology, AI-Enhanced Language Learning, Digital Scaffolding.*

In the modern landscape of English Language Teaching (ELT), the transition from theoretical knowledge to practical application remains a challenge for senior high school students. For 10th and 11th graders, mastering grammar is not merely about passing tests but about achieving communicative competence for future academic and professional success. Traditional "PPP" (Presentation, Practice, Production) models often lead to a gap where students know the rules (accuracy) but cannot speak smoothly (fluency).

The effectiveness of Communicative Grammar Tasks (CGTs) lies in their ability to mirror real-life communication. Unlike isolated drills, CGTs require students to use specific grammatical structures to achieve a functional goal, such as negotiating a schedule or solving a dilemma. In today's digital era, the inclusion of Artificial Intelligence (AI) significantly amplifies these results. AI powered platforms and chatbots act as "virtual interlocutors," allowing students to practice grammar in a low-anxiety, interactive environment. These tools provide instant, personalized feedback, correcting errors in real-time without interrupting the flow of

conversation. This synergy between communicative tasks and AI technology ensures that learners internalize complex structures faster, leading to a measurable increase in both grammatical precision and speech velocity.

To conclude, integrating communicative tasks is essential for balancing accuracy and fluency in senior grades. By moving away from rote memorization and embracing AI-enhanced interactive methods, educators can create a more dynamic classroom. This approach not only improves students' test scores but also equips them with the confidence to use English effectively in spontaneous, real-world situations.