ENHANCING CRITICAL THINKING AND WRITING SKILLS OF B2 LEARNERS THROUGH ONLINE DISCUSSION FORUMS

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Annotation: *This study investigates the effectiveness of online discussion forums in enhancing critical thinking and writing skills among B2-level English learners. It explores how interactive tasks, peer feedback, and reflective participation contribute to learners' analytical reasoning and the organization of written ideas. The results indicate that regular engagement in forums promotes deeper thought, encourages evidence-based argumentation, and improves the clarity, coherence, and grammatical accuracy of students' writing. Furthermore, learners reported increased confidence in expressing their ideas and a broader use of vocabulary through collaborative online discussions. Overall, the findings highlight the potential of online forums as a valuable tool for supporting both cognitive and language development in intermediate-level learners.*
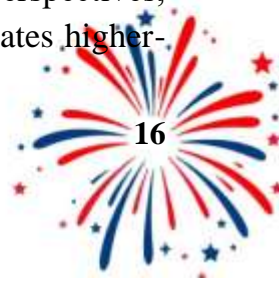
Keywords*: critical thinking, writing skills, online discussion forums, B2 learners, reflective learning, peer interaction*

In recent years, digital technologies have transformed educational practices worldwide, particularly in language learning. Modern learners are not only expected to acquire linguistic knowledge but also to navigate digital tools, collaborate online, and communicate across virtual platforms. Online discussion forums have become a widely used resource for promoting interaction, reflection, and sustained communication among students.Unlike traditional classroom discussions, asynchronous forums allow learners to carefully plan, reflect, and revise their contributions. This additional time supports deeper cognitive processing, helping students construct coherent arguments and critically analyze ideas before responding. For B2-level learners, who are expected to engage in complex discussions, express opinions clearly, and justify arguments effectively, these reflective opportunities are essential.According to the CEFR framework, B2 learners should demonstrate the ability to engage in detailed discussions, understand implications, and produce well-structured texts. Nevertheless, many students at this level struggle with organizing ideas, applying critical thinking strategies, and supporting claims with evidence. Classroom limitations, such as time constraints and unequal participation, often prevent meaningful engagement, with more vocal students dominating discussions while quieter learners contribute less.Online forums address these challenges by offering an inclusive space for every learner to express ideas. The written nature of forum contributions

encourages careful attention to grammar, vocabulary, and logical structure. Additionally, students are exposed to diverse viewpoints, fostering analytical thinking and prompting them to refine or defend their positions.Critical thinking is a vital component of academic success, enabling learners to analyze information, evaluate multiple perspectives, and construct reasoned arguments. Online discussion forums naturally promote this process, as students must respond thoughtfully to peers' posts and substantiate their arguments. Writing development is simultaneously enhanced, as learners practice organizing ideas, using appropriate linking devices, and applying accurate grammar and vocabulary.Given the growing reliance on digital education, it is important to investigate the impact of online forums on both critical thinking and writing skills. While previous studies have explored online learning tools, fewer focus on B2-level learners and the combined effect of forum participation on cognitive and linguistic development. This study addresses this gap by analyzing how structured engagement in discussion forums influences the clarity of writing, logical argumentation, and overall critical thinking abilities of intermediate learners.The study also examines students' perceptions of forum participation, considering whether they find it motivating, beneficial, or challenging. The findings are intended to provide practical insights for educators seeking to integrate digital discussion tools to enhance learning outcomes and foster 21st-century skills such as reflection, collaboration, and analytical reasoning.

Online discussion forums have increasingly become an essential component of modern language learning, offering a platform where students can actively participate, reflect, and communicate asynchronously. These forums provide a learning environment that allows learners to take their time to read, analyze, and respond thoughtfully, in contrast to real-time classroom discussions where immediate responses are often required. As noted by Anderson (2015), the asynchronous nature of forums encourages deeper cognitive processing, enabling students to formulate more coherent arguments and consider their ideas carefully before sharing them. In language education, online forums serve dual purposes: they facilitate communication while simultaneously providing consistent writing practice. Research by Hampel and Stickler (2012) indicates that learners are often more willing to engage in forum discussions because the environment reduces anxiety, gives time for reflection, and allows for careful expression. Students writing for their peers pay greater attention to grammar, vocabulary, and logical organization, knowing their contributions are visible to others. This combination of written practice and interactive dialogue makes forums a particularly effective tool for developing both linguistic and cognitive skills. Critical thinking, defined as the ability to evaluate information, analyze multiple viewpoints, and construct reasoned arguments, is a vital component of academic success. Garrison (2011) highlights that environments promoting inquiry and reflection are particularly effective for fostering critical thinking. In online forums, students must read and respond to their peers' posts, evaluating the validity of ideas, comparing perspectives, and supporting their own arguments with logical reasoning. This process cultivates higher-

order thinking skills, enabling learners to approach topics analytically and develop more nuanced understanding. Writing development at the B2 level requires learners to produce coherent, well-structured texts with appropriate grammar and vocabulary. Hyland (2019) emphasizes that repeated practice and meaningful interaction are key to improving writing skills. Online forums naturally provide this practice by requiring students to compose posts and respond to peers regularly. Peer interaction also acts as a form of informal feedback, helping learners identify errors, refine sentence structures, and improve overall clarity and cohesion. Additionally, the ability to revise posts before submission encourages attention to detail and promotes learner autonomy, as students take responsibility for enhancing their own written communication. Previous studies support the effectiveness of online forums in enhancing both critical thinking and writing. For example, Zhu (2012) found that structured forum participation improved students' analytical reasoning and writing quality compared to traditional classroom settings. Salmon (2013) observed that peer-to-peer interaction motivates learners to justify their ideas, consider alternative perspectives, and engage more actively with the content. Warschauer (2010) also concluded that online discussions enhance cognitive engagement while simultaneously improving language accuracy and writing fluency. Despite these benefits, challenges exist. Unequal participation, limited digital skills, and superficial contributions may reduce the effectiveness of forum activities. Teachers' guidance, clear instructions, and well-designed tasks are necessary to ensure that forums achieve their full potential. When these conditions are met, online forums create a supportive environment that encourages critical thinking, collaborative learning, and continuous writing development.While numerous studies have explored digital learning tools, few specifically examine the combined effect of online forums on critical thinking and writing for B2-level learners. Most research focuses on advanced students or general e-learning contexts, leaving a gap in understanding the needs and responses of intermediate learners. This study addresses this gap by investigating how structured forum participation can simultaneously foster analytical reasoning and writing proficiency, providing practical insights for language instructors and course designers.

This study was conducted with 25 B2-level English learners, aged 17 to 22, enrolled in an academic English course at a university. All participants had some prior experience with online tools but were relatively new to structured discussion forums. The main objective of the study was to explore how participation in online forums affects learners' critical thinking and writing skills.A mixed-methods approach was adopted, combining quantitative and qualitative data to provide a comprehensive analysis of student outcomes. Quantitative data were collected through pre- and post-tests designed to evaluate writing clarity, coherence, grammatical accuracy, and logical argumentation. Qualitative data included students' forum posts, reflection journals, teacher observation notes, and a perception questionnaire. This combination of data sources allowed for a detailed understanding of how forum participation influences both cognitive and linguistic development.The study was carried out over six weeks. Each week, participants were given

a discussion topic related to social, educational, or technological issues. Students were required to post an initial response presenting their opinion, reply to at least two peers, and justify their arguments using examples, evidence, or logical reasoning. Teachers served as facilitators, providing guidance, prompts, and occasional feedback to ensure productive and meaningful discussions.Data analysis involved multiple steps. Quantitative test results were analyzed to determine improvements in writing structure, vocabulary, grammar, and logical reasoning. Forum posts were examined qualitatively to identify evidence of critical thinking, such as evaluating peers' ideas, developing arguments, and supporting claims with examples. Survey responses were analyzed to assess students' perceptions regarding the effectiveness, engagement, and challenges of forum participation.This methodology ensured that both measurable improvements in writing and reasoning, as well as students' experiences and attitudes, could be captured. By integrating structured forum tasks and multiple data sources, the study provided a holistic perspective on the role of online discussion forums in enhancing B2-level learners' academic and language skills.

The analysis of data collected from the study revealed significant improvements in students' writing skills and critical thinking abilities as a result of regular participation in online discussion forums. Quantitative results from pre- and post-tests indicated that students showed marked progress in organizing their ideas coherently, using appropriate linking devices, and applying accurate grammar and vocabulary. On average, students' post-test scores increased by approximately 15% compared to pre-test results, demonstrating that forum engagement had a measurable impact on their writing performance.Forum posts provided further evidence of development in critical thinking skills. Students increasingly demonstrated the ability to evaluate peers' arguments, identify strengths and weaknesses in reasoning, and provide constructive feedback. Many participants showed improved ability to justify their opinions with relevant examples, logical explanations, and references to previous discussions. This pattern was particularly evident in topics that required analysis of social issues or evaluation of differing perspectives, suggesting that the forum environment encouraged reflective and analytical engagement.Qualitative analysis of students' reflections and teacher observations indicated that learners felt more confident in expressing their ideas and engaging in academic discussions online. Several students reported that the asynchronous nature of forums allowed them to think more deeply before posting, resulting in more thoughtful and well-organized contributions. Additionally, the process of reading and responding to peers' posts helped learners to expand their vocabulary, refine sentence structures, and improve overall coherence in writing.Survey results reinforced these findings, with most students indicating that participation in forums enhanced both their writing and critical thinking abilities. Approximately 80% of participants agreed that they were more confident in presenting arguments and justifying their viewpoints after regular forum participation. Furthermore, students valued the opportunity to interact with peers and to receive feedback, noting that it motivated them to engage more actively and to pay closer attention to the clarity and

accuracy of their writing.Despite these positive outcomes, the study also highlighted some challenges. A few students initially struggled with digital literacy or hesitated to participate due to unfamiliarity with the forum platform. In addition, some responses were superficial at first, lacking depth or evidence. However, continuous guidance from teachers and the structured nature of forum tasks contributed to gradual improvement. By the end of the study, nearly all participants demonstrated notable advancement in both critical thinking and writing skills, illustrating that consistent engagement in online discussions can effectively support B2-level learners' academic development.Overall, the results indicate that online discussion forums provide a conducive environment for fostering reflective thinking, structured argumentation, and effective written communication. Learners benefit not only from producing their own posts but also from analyzing and responding to peers, creating a collaborative learning process that strengthens both cognitive and linguistic competencies. These findings support previous research suggesting that well-designed online forums can serve as a powerful tool for enhancing language proficiency and higher-order thinking in intermediate-level learners.

The findings of this study highlight the significant role of online discussion forums in enhancing both critical thinking and writing skills among B2-level learners. The results indicate that regular engagement in forums encourages learners to organize their thoughts coherently, evaluate peers' ideas critically, and provide reasoned arguments supported by evidence. This aligns with previous studies suggesting that asynchronous online interactions offer a reflective space where learners can process information more thoroughly and construct more sophisticated responses (Anderson, 2015; Garrison, 2011).Participation in forums also fostered a sense of learner autonomy. Students reported increased confidence in expressing their ideas and appreciated the opportunity to revise their posts before submission. The iterative nature of forum writing allowed learners to monitor their own progress, correct errors, and refine their argumentation. Peer interaction played a key role in this process, providing multiple perspectives and motivating students to justify and clarify their viewpoints. This collaborative environment not only strengthened linguistic competence but also enhanced cognitive skills such as analysis, synthesis, and evaluation.Despite these benefits, some challenges were observed. A few learners initially struggled with digital literacy or hesitated to contribute due to unfamiliarity with the platform. Early posts were sometimes superficial or lacked sufficient supporting evidence. However, structured tasks, continuous guidance, and teacher feedback helped participants overcome these obstacles. By the end of the study, most students demonstrated noticeable improvements in both writing and critical thinking abilities, highlighting the importance of guided online discussion as a pedagogical tool.These findings emphasize that online discussion forums are not merely supplementary tools but essential components for developing higher-order thinking and written communication skills. Integrating forums into language learning curricula provides learners with continuous opportunities to practice writing, engage in reflective thinking, and participate in meaningful academic discourse.

This approach supports the development of skills that are crucial for both academic and real-world contexts, including argumentation, problem-solving, and effective collaboration.

In conclusion, this study demonstrates that structured participation in online discussion forums significantly enhances critical thinking and writing skills in B2-level learners. The combination of asynchronous engagement, peer interaction, and reflective practice provides a supportive environment where students can develop analytical reasoning, organize their thoughts coherently, and improve overall writing quality.The study also shows that learners benefit from both producing original posts and responding to peers, as this dual engagement promotes deeper understanding, attention to detail, and cognitive growth. While challenges such as initial digital unfamiliarity and uneven participation may arise, proper guidance and well-designed forum tasks can mitigate these issues, ensuring meaningful engagement for all learners. These results have important implications for language educators. Incorporating online forums into curriculum design not only enhances linguistic competence but also cultivates critical thinking, collaboration, and reflective learning. Future research could explore the long-term impact of sustained forum participation across different proficiency levels and investigate strategies to maximize learner engagement in diverse educational contexts.Overall, online discussion forums represent an effective and versatile tool for fostering essential academic and cognitive skills, offering a practical means of bridging language development with higher-order thinking in intermediate learners.

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