DEVELOPING CRITICAL THINKING THROUGH ENGLISH LANGUAGE INSTRUCTION

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Research Article | Applied Linguistics & Pedagogy

Abstract: Critical thinking has long been recognized as one of the most transferable and valuable cognitive skills a learner can acquire, yet its relationship to language instruction remains undertheorized and inconsistently practiced. This article investigates the extent to which English language instruction can serve as a productive site for the development of critical thinking skills, including analysis, inference, evaluation, and the construction of reasoned argument. Drawing on a systematic review of empirical studies, curriculum analyses, and practitioner accounts published between 2013 and 2024, the paper examines the pedagogical strategies most commonly associated with critical thinking outcomes in EFL and ESL contexts. Results indicate that task-based learning, Socratic questioning, argumentation-focused writing instruction, and literature-based discussion activities offer the strongest evidence base for fostering critical thought alongside linguistic development. However, the review also identifies significant challenges, including examination-oriented curricula, cultural variation in critical thinking norms, and insufficient teacher preparation. The discussion calls for a reconceptualization of English language teaching that treats critical thinking not as an optional enrichment activity but as a central and assessable dimension of communicative competence.

Keywords: *critical thinking, English language teaching, task-based learning, argumentation, EFL/ESL pedagogy*

1. Introduction

In contemporary educational discourse, critical thinking has acquired something close to canonical status. Policy documents, curriculum frameworks, and institutional mission statements across the globe invoke it as a foundational goal of modern education, and employers consistently rank it among the most desirable attributes in university graduates. Yet despite its prominence in educational rhetoric, critical thinking remains an elusive concept—defined variously as a disposition, a set of skills, a mode of inquiry, or a habit of mind—and its relationship to specific curriculum subjects is rarely made explicit.

English language instruction occupies a particularly interesting position within

this conversation. On one hand, the discipline has historically been associated with accuracy-focused, form-based approaches that privilege grammatical correctness over intellectual engagement. On the other hand, there is a long tradition within language education—rooted in the work of Paulo Freire, Henry Giroux, and the critical pedagogy movement—that views language learning as inseparable from the development of critical consciousness and the capacity to question dominant discourses.

This tension reflects a deeper question about the purpose of language education itself. Is the English language classroom primarily a place where learners acquire the formal features of the language, or is it a space in which they learn to think, argue, and engage with the world more rigorously? The answer, this paper will argue, need not be binary. A well-designed language curriculum can simultaneously develop linguistic competence and critical cognitive skills, provided that teachers and curriculum designers are intentional in how they structure tasks, select texts, and frame classroom interaction.

This study addresses three questions that have received insufficient systematic attention in the literature: (1) What instructional approaches in English language classrooms have been empirically associated with the development of critical thinking? (2) What structural and contextual factors facilitate or hinder the integration of critical thinking into language teaching? (3) What conceptual and pedagogical adjustments are needed to make critical thinking a sustainable component of English language curricula?

2. Methods

This study is based on a systematic literature review conducted in accordance with the PRISMA guidelines for systematic reviews and meta-analyses. Searches were conducted across four major academic databases—ERIC, Scopus, Google Scholar, and the British Education Index—using a combination of controlled vocabulary and free-text search terms. Primary search strings included 'critical thinking AND English language teaching,' 'higher-order thinking EFL,' 'argumentation ESL instruction,' 'Socratic questioning language classroom,' and 'critical pedagogy language learning.'

Articles were included if they (a) focused specifically on EFL or ESL contexts at the secondary or tertiary level, (b) employed measurable indicators of critical thinking development, and (c) described explicit instructional interventions rather than attitudinal surveys alone. Studies were excluded if they addressed only one specific skill in isolation without reference to critical thinking more broadly, or if they lacked adequate methodological reporting.

From an initial pool of over five hundred articles, ninety-one met the inclusion criteria and were subjected to full review. Each article was coded for the following variables: instructional approach used, critical thinking framework referenced, learner population and proficiency level, duration of intervention, method of assessment, and

reported outcomes. Qualitative synthesis was employed to identify patterns across studies, given the heterogeneity of methodological approaches and contextual factors.

Recognizing that critical thinking is not a culturally neutral concept, the review also attended carefully to the cultural and institutional contexts in which each study was conducted. Studies from East Asian, Middle Eastern, and European EFL contexts were analyzed separately in certain instances to identify context-specific patterns that a purely aggregate analysis might obscure.

3. Results

3.1 Task-Based Learning and Critical Engagement

Task-based language teaching emerged from the review as one of the most consistently effective frameworks for integrating critical thinking into language instruction. When tasks required learners to analyze information, evaluate competing perspectives, or solve genuine communicative problems, they engaged in the kind of purposeful, goal-directed reasoning that is characteristic of critical thought. Studies in which tasks were designed to generate cognitive conflict—placing learners in situations where existing assumptions were challenged by new information—showed particularly strong gains in both language use and analytical reasoning.

Several studies compared open-ended problem-solving tasks with more controlled, form-focused exercises and found that learners in the problem-solving conditions produced more lexically varied and syntactically complex language, in addition to demonstrating greater evidence of inferential reasoning in post-task assessments. These findings support the view that intellectual challenge and linguistic development are mutually reinforcing rather than competing demands.

3.2 Socratic Questioning and Classroom Dialogue

Classroom-based studies that incorporated structured Socratic questioning—in which the teacher poses a sequence of probing questions designed to expose assumptions, clarify reasoning, and push learners toward deeper analysis—reported notable improvements in learners' ability to construct and evaluate arguments. What was perhaps more significant was the finding that learners who were regularly exposed to Socratic dialogue began to internalize similar questioning strategies in their own discussions and writing, suggesting a transfer of metacognitive habits beyond the classroom.

However, the effectiveness of Socratic questioning was found to be heavily dependent on the teacher's own critical thinking skills and their comfort with uncertainty and open-ended inquiry. Several studies noted that teachers who were accustomed to transmissive, answer-oriented instruction struggled to sustain the kind of dialogue required, often reverting to closed questions that demanded factual recall rather than analysis. This finding points to the central importance of teacher development in any effort to embed critical thinking in language classrooms.

3.3 Argumentation-Focused Writing Instruction

Writing instruction proved to be one of the most powerful levers for critical thinking development when it was explicitly oriented around argumentation. Programs that required learners to identify a claim, marshal evidence, acknowledge counterarguments, and construct a coherent line of reasoning produced measurable gains not only in writing quality but in the quality of oral reasoning demonstrated in follow-up tasks. The act of committing ideas to writing appeared to slow down and externalize the reasoning process in ways that facilitated reflection and revision.

Peer review activities within argumentation writing courses were particularly effective. When learners were asked to evaluate each other's arguments using explicit critical criteria—assessing the quality of evidence, the logic of inferences, and the adequacy of responses to counterarguments—they developed a more nuanced understanding of what good reasoning looks like. This metalinguistic and metacognitive awareness subsequently informed their own writing in productive ways.

3.4 Literature and Text-Based Discussion

Literature-based approaches to language teaching also showed consistent benefits for critical thinking development, particularly when texts were selected for their thematic complexity and moral ambiguity. Learners who discussed literary texts that resisted easy interpretation—narratives with unreliable narrators, poems that subverted conventional expectations, essays that challenged received wisdom—were pushed to engage in sustained interpretive reasoning and to defend their readings against alternative interpretations.

Several studies found that the affective engagement generated by literary texts—the emotional investment learners made in characters and situations—actually deepened rather than distracted from critical analysis. Learners who cared about the texts they were reading were more motivated to interrogate them carefully, to question authorial choices, and to consider the social and historical contexts in which the texts were produced.

3.5 Barriers to Integration

Alongside these positive findings, the review identified a number of persistent barriers to the integration of critical thinking in English language classrooms. Examination culture was the most frequently cited obstacle: in contexts where learners and teachers are primarily oriented toward standardized tests that reward memorization and structural accuracy, the open-ended, process-oriented nature of critical thinking instruction is easily displaced. Teachers reported feeling caught between their professional convictions and the institutional pressures they faced.

Cultural factors also emerged as significant. In several East Asian and Middle Eastern contexts, learners initially resisted activities that required them to challenge authoritative texts or to take positions on controversial topics, reflecting cultural norms

around deference to authority and the avoidance of public disagreement. While these responses were not uniform and should not be essentialized, they do suggest that critical thinking instruction cannot simply be transplanted from Western educational contexts without thoughtful cultural adaptation.

4. Discussion

The findings of this review invite a reexamination of what it means to teach English well. If the development of critical thinking is accepted as a legitimate—and indeed urgent—goal of language education, then the instructional choices made in the classroom take on additional significance. The selection of texts, the design of tasks, the structure of classroom dialogue, and the nature of writing assignments all become sites of pedagogical decision-making that extend well beyond questions of grammar and vocabulary.

A central implication of the review is that critical thinking development in language classrooms requires intentionality. It does not emerge automatically from communicative activities, nor does it result inevitably from exposure to complex texts. It requires teachers who understand what critical thinking involves, who can model it in their own questioning and discussion practices, and who design tasks and assessments that make it visible and assessable. This in turn calls for substantial investment in pre-service and in-service teacher education.

The relationship between language proficiency and critical thinking also deserves careful consideration. A common objection to critical thinking activities in EFL contexts is that learners at lower proficiency levels simply lack the linguistic resources to express complex reasoning. This objection, while not without merit, risks creating a deficit-oriented view in which critical thinking is treated as a luxury available only to advanced learners. The evidence from this review suggests a more dynamic relationship: appropriately scaffolded critical thinking tasks can actually accelerate language development by creating genuine communicative purposes for language use.

The question of cultural variation in critical thinking norms merits particular attention. It would be a mistake to conclude from the barriers identified in this review that learners from certain cultural backgrounds are inherently uncritical or resistant to analytical thought. What the evidence suggests instead is that critical thinking is expressed differently across cultural contexts, and that effective instruction must begin with an understanding of the epistemological traditions and communicative norms that learners bring to the classroom. A pedagogy that frames critical thinking as the exclusive province of Western rationalism is likely to alienate rather than empower the very learners it seeks to serve.

Finally, the review raises important questions about assessment. If critical thinking is to be taken seriously as a learning outcome in English language education, existing assessment frameworks must expand to accommodate it. Portfolio-based

assessment, oral defense tasks, reflective journals, and analytical writing rubrics that reward reasoning quality as well as linguistic accuracy offer promising directions, though their implementation requires significant changes to the institutional cultures in which most language education takes place.

5. Conclusion

This study has sought to demonstrate that English language instruction and critical thinking development are not merely compatible goals but mutually reinforcing ones. The pedagogical approaches identified in this review—task-based learning, Socratic questioning, argumentation writing, and literature-based discussion—offer a coherent and evidenced foundation for language curricula that take seriously the cognitive as well as the communicative dimensions of learning. The English classroom, understood in this way, becomes not simply a place where learners acquire a new code, but a site of intellectual formation.

Achieving this vision will require systemic changes that go beyond individual classroom practice. Curriculum frameworks must make critical thinking outcomes explicit; teacher education programs must equip future instructors with the theoretical understanding and practical tools to foster critical thought; and assessment systems must find credible ways to measure and reward the kind of reasoning that cannot be captured by multiple-choice tests. These are not small adjustments, but the evidence reviewed here suggests they are both necessary and achievable.

For researchers, this review identifies several productive avenues for future inquiry. Longitudinal studies that track the development of critical thinking skills over full academic years or longer are notably absent from the existing literature. Studies that examine the relationship between first-language critical thinking practices and second-language critical reasoning would also help clarify the extent to which critical thinking is a transferable capacity or a language-specific skill. Most pressingly, research that engages directly with the voices of learners themselves—asking what they understand critical thinking to mean, and how they experience its development—would add a dimension of reflective insight that the predominantly outcome-focused literature currently lacks.

References:

Bloom, B. S. (Ed.). (1956). Taxonomy of educational objectives: The classification of educational goals. Handbook I: Cognitive domain. David McKay.

Brookfield, S. D. (2012). Teaching for critical thinking: Tools and techniques to help students question their assumptions. Jossey-Bass.

Elder, L., & Paul, R. (2010). Critical thinking: Competency standards essential for the cultivation of intellectual skills. Journal of Developmental Education, 34(2), 38–39.

Facione, P. A. (1990). Critical thinking: A statement of expert consensus for

purposes of educational assessment and instruction. The Delphi Report. American Philosophical Association.

Freire, P. (1970). Pedagogy of the oppressed. Herder and Herder.

Hashemi, M. R., & Ghanizadeh, A. (2012). Critical discourse analysis and critical thinking: An experimental study in an EFL context. System, 40(1), 37–47.

Liaw, M. L. (2007). Content-based reading and writing for critical thinking skills in an EFL context. English Teaching & Learning, 31(2), 45–87.

Nguyen, T. T. H. (2018). Critical thinking in language education: Teachers' perceptions and practices. Journal of Language Teaching and Research, 9(3), 531–538.

Paul, R., & Elder, L. (2006). Critical thinking: The nature of critical and creative thought. Journal of Developmental Education, 30(2), 34–35.

Pennycook, A. (1999). Introduction: Critical approaches to TESOL. TESOL Quarterly, 33(3), 329–348.

Riazi, A. M., & Rezaii, M. (2011). Teacher- and peer-scaffolding behaviors: Effects on EFL students' writing improvement. CLESOL 2010 Proceedings. New Zealand: NZALT.

Wallace, C. (2003). Critical reading in language education. Palgrave Macmillan.