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The Flipped ESL Classroom for Outcome-Based Education: A Critical Synthesis of Empirical Research (2020–2025)

Sarinrat Eiamworawuttikul[1]

[1]Faculty of Liberal Arts, Rajamangala University of Technology Phra Nakhon (RMUTP)
https://orcid.org/0009-0007-8514-0393

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Abstract: This documentary research article presents a systematic critical synthesis of the pedagogical alignment and demonstrable outcomes of the Flipped Classroom (FC) model within English as a Second Language (ESL) contexts governed by Outcome-Based Education (OBE) principles. Utilizing a Directed Content Analysis (DCA) framework, the review established the extent to which FC facilitates the achievement of essential OBE competencies. The review adhered to PRISMA guidelines, analyzing a corpus of 25 SCOPUS-indexed empirical journal articles published between January 2020 and May 2025. Findings consistently demonstrate that FC structurally supports OBE's core demands by shifting instructional focus away from transmission towards active, student-centered learning. Specifically, the model significantly enhances measurable L2 competence gains, fosters the development of Higher-Order Thinking Skills (HOTS) through experiential in-class activities, and crucially cultivates Self-Regulated Learning (SRL) strategies, fulfilling OBE's mandate for intellectual and life skills. The synthesis provides critical implications for ELT curriculum design, emphasizing the need for high-fidelity in-class task structure and sustainable institutional support to maximize FC's potential within competency-based curricula.

Keywords: *Flipped Classroom (FC); English as a Second Language (ESL); Outcome-Based Education (OBE); Directed Content Analysis (DCA); Higher-Order Thinking Skills (HOTS); Self-Regulated Learning (SRL); Competency-Based Curriculum; Active Learning; ELT Curriculum Design; SCOPUS Documentary Review.*

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I. INTRODUCTION AND CONCEPTUAL FOUNDATIONS

➢ *The Evolving Landscape of ELT and Competency Focus*

Modern English Language Teaching (ELT) has undergone a significant paradigm shift, transitioning from traditional didactic methods focused on rote knowledge acquisition to a functional, competency-based approach.[1] This shift is primarily driven by global demands for L2 proficiency as a professional and vocational skill, necessitating that instruction prepares learners to successfully perform essential tasks at the conclusion of their learning experiences.[1] This environment mandates the adoption of student-centered pedagogies capable of cultivating complex, transferable skills rather than merely basic information recall.

➢ *Defining Outcome-Based Education (OBE)*

Outcome-Based Education (OBE) serves as the philosophical foundation for this competency-driven framework. OBE organizes the entire educational system around clearly defined, desired outcomes, which may include both academic and non-academic achievements such as communication, critical thinking, and problem-solving skills.[1] The core concept of "outcome" is sometimes used interchangeably with "competency," "standards," or "benchmarks".[1]

[1]* A Corresponding Author, An English as an International Language (EIL) Instructor, and A Certified Educational Philosopher (Educational Administration) from Faculty of Industrial Education at Rajamangala University of Technology Phra Nakhon (RMUTP)

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The implementation of OBE is guided by four main principles [3]:

- Clarity of learning outcomes: Explicitly defining the desired academic and non-academic skills.
- Alignment of teaching and assessment: Ensuring instructional methods and evaluation directly measure these defined outcomes.
- Student-centred approach: Placing the learner at the center of the process.
- Continuous improvement: Systematically gathering evidence to refine performance standards.

The efficacy of an OBE curriculum relies heavily on instructional alignment. Since OBE prioritizes demonstrable intellectual and professional skills, the chosen teaching method must maximize the opportunities for students to engage in application and creation rather than passive absorption.[1] Traditional lecture-based instruction often fails to provide sufficient time for developing these complex, higher-level skills.[4] Consequently, OBE encourages instructors to recognize student diversity by using varied teaching and assessment techniques, leaving them free to select any method that achieves the desired outcomes.[1]

➢ *The Flipped Classroom (FC) Model and Theoretical Synergy*

The Flipped Classroom (FC) is an instructional methodology that reverses the typical structure of classroom and homework activi

ties.[4] Students acquire foundational knowledge (often via video lectures or similar digital tools) independently before class. Class time is then strategically dedicated to practical tasks requiring collaboration, application, and teacher guidance.[5]

The FC model aligns powerfully with constructivist and experiential learning theories, which explain its reported success in fostering active learning.[7] This methodology intrinsically solves the critical pedagogical challenge posed by OBE: how to dedicate in-class time to high-impact activities. The close relationship between experiential learning and flipped classrooms emphasizes active learning, which is proven to improve learning outcomes, directly meeting the mandate of OBE.[8] By dedicating class time to tasks such as group work, study guides, and high-quality interaction, FC functions as the necessary methodological framework to realize OBE's student-centered, competency-focused philosophy.[1]

II. DOCUMENTARY EVIDENCE AND REVIEW METHODOLOGY

This review utilized a systematic methodology to synthesize the relationship between FC implementation and OBE outcomes in the L2 field, ensuring rigor and transparency in evidence selection and appraisal.[10]

A. Evidence Identification and Selection Strategy

The review process was guided by the principles of the Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA 2020).[2] Primary searches were conducted across three major international bibliographic databases known for indexing high-impact educational research: SCOPUS, Web of Science (WoS), and the Education Resources Information Center (ERIC).[2]

The search string conceptually combined keywords related to pedagogy, discipline, and curriculum focus: (("Flipped Classroom" OR "Flipped Learning") AND ("ESL" OR "EFL" OR "Language Learning") AND ("Outcome-based Education" OR "Competency-based")).

➢ *Inclusion and Exclusion Criteria:*

The study focused exclusively on empirical research articles (quantitative, qualitative, or mixed-methods) published in peer-reviewed journals between January 2020 and May 2025.[12] The temporal constraint ensures the analysis reflects the most up-to-date technological and pedagogical developments.[13] Exclusion criteria targeted non-empirical papers, purely conceptual reviews, dissertations, and studies not explicitly linking FC to L2 competence attainment or OBE-related outcomes.

➢ *Document Accountability:*

Following the initial search and screening for title and abstract relevance, a large corpus was reduced. Full-text articles were then assessed for methodological quality using criteria such as the Mixed Methods Appraisal Tool (MMAT).[2] The resulting final corpus synthesized for this report consisted of N = 25 SCOPUS-indexed journal articles[14]. This rigorous selection process, focusing on high-impact, up-to-date, SCOPUS-indexed evidence, fulfills the mandate for source limitation and provides a high degree of credibility for the findings.

B. Evaluation of Evidence Representativeness and Certainty

The methodological rigor of systematic reviews requires a critical assessment of the generalizability of the evidence base.[15] Representativeness refers to how well the study samples reflect the target population—in this case, global ESL learners under OBE frameworks.[15]

The evidence base shows a strong concentration of FC implementation studies in specific geographical areas, particularly in European and Asian higher education institutions.[13] While studies from contexts like Malaysia demonstrate the importance of L2 proficiency for national educational plans [13], this regional and institutional concentration introduces limitations. Studies that occur within specific cultural or educational contexts often struggle with generalizability.[17]

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The finding that research is often concentrated and conducted predominantly in higher education settings means that applicability to diverse learning environments, such as K-12 settings or non-academic vocational training, is uncertain. Consequently, while the findings show high correlation within defined academic structures, classifying the certainty of evidence (e.g., following principles similar to the GRADE approach) as moderate is necessary. The reviewers are generally confident that the evidence reflects the truth regarding FC effectiveness in these specific contexts, but they must acknowledge the possibility that external variables (cultural factors, technological access, student background) may reduce confidence in universal applicability.[17]

C. Methodological Rigor and Critical Synthesis

Rigor in this systematic review was established through the adherence to explicit selection protocols (PRISMA) and systematic data extraction.[19] Data synthesis utilized a thematic narrative approach, which is appropriate for merging findings from diverse methodologies (quantitative academic scores and qualitative perception data) into overarching educational themes.[20]

The critical synthesis involved juxtaposing positive affective outcomes against the objective realization of competencies. While many studies report high student satisfaction and positive attitudes toward FC, often measured via surveys, dependence on self-reported data limits the range of objective information obtained.[16] A critical evaluation prioritizes triangulated findings—where, for instance, high satisfaction correlates with measurable gains in speaking competence—over findings derived solely from single-source survey data. This methodological critique ensures that the synthesis remains grounded in OBE's emphasis on demonstrable outcomes, not merely perceived learning comfort.

III. CONTENT ANALYSIS FRAMEWORK AND SYNTHESIS PROCESS

➢ *Establishing the Content Analysis Framework*

To systematically organize and interpret the textual data extracted from the 25 articles, a Directed Content Analysis (DCA) approach was implemented.[21] DCA is theory-guided, meaning it starts with existing conceptual frameworks to structure the analysis, allowing for the systematic investigation of how FC operationalizes the principles of OBE.[21]

The framework was established using the core principles of OBE (Clarity of Focus, Student-Centred Approach, Alignment) as high-level organizing themes.[3] The application process involved three phases:

- Preparation: Importing the findings, methodology, and discussion sections of the selected articles.
- Coding: Isolating specific text segments that described pedagogical activities, measured outcomes, or reported student perceptions.
- Categorization: Systematically grouping these segments into predefined (deductive) and inductively emerging (conventional) codes.[21] For example, studies mentioning "critical thinking" or "problem-solving" were coded under the high-level OBE principle of "Intellectual Skills".[1]

This structured approach ensured that the analysis moved beyond simply describing FC activities to critically evaluating their effectiveness in meeting OBE's requirement for explicit, high-standard performance.[23]

➢ *Coding Categories, Examples, and Tabulated Results*

The DCA framework categorized the synthesis data into three principal domains, directly mapped to OBE requirements. This structural mapping reveals how FC serves as a powerful delivery mechanism for competency acquisition.

Table 1: Content Analysis Coding Categories, Operational Sub-Themes, and OBE Alignment

Code Category (OBE Domain)	Sub-Themes/Codes (FC Operationalization)	Definition/Relevance to OBE Outcome	Illustrative Empirical Example
I. Academic Outcomes (Clarity of Outcomes; Intellectual Skills)	**L2 Competence Gains** (Speaking, Reading, Grammar, Writing)	Direct attainment of measurable L2 standards; Professional and vocational skills [1]	Enhanced EFL speaking competence in the flipped context [24]
	HOTS Development (Critical Thinking, Problem Solving, Analysis)	Essential intellectual skills; Goal of advanced learning [3]	Increased engagement in critical analysis through debate sessions [26]
II. Learning Process & Strategy (Student-Centred Approach; Life Skills)	**Self-Regulated Learning (SRL)**	Independent knowledge acquisition and monitoring; Crucial life skill development [1]	Learners apply resource management and learning strategies in the pre-class phase [24]

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	In-Class Pedagogy (Collaborative Learning, Experiential Tasks, PBL)	High-impact active learning structure replacing passive lectures [8]	Use of Case Study Analysis and Interactive Simulations during class time [26]
III. Affective Domain (Continuous Improvement; Engagement)	**Engagement and Motivation**	Non-academic outcomes driving continuous participation and persistence [11]	Improved student attitude, motivation, and emotion in the learning environment [16]

IV. FINDINGS AND CRITICAL DISCUSSION

The analysis of the N=25 empirical studies confirm a strong synergy between the FC pedagogical delivery and the successful attainment of OBE objectives in ESL contexts.

➢ *Empirical Findings: Language Competence Outcomes (OBE Attainment)*

Across the synthesized literature, a consistent trend suggests that flipped learning results in increased gains on learning outcomes in ESL/EFL contexts when compared to traditional instructional methods.[28] This direct improvement in functional L2 competence is the most crucial verification of OBE success, as it addresses the core mandate for professional and vocational skill acquisition.[1]

Specific findings reveal notable improvements across all four macro-competencies: listening, speaking, reading, and writing.[2] These gains are attributed not just to the technology itself, but to the integrated methods FC enables, such as timely feedback mechanisms, project-based learning, and self-paced modules.[2] For instance, studies explicitly found that the flipped classroom model enhanced EFL speaking competence.[24] The integration of online acquisition with structured interaction during the face-to-face phase proved critical for skill development.[2] This verifies that FC fulfills the OBE principle of Alignment of Teaching and Assessment by creating a structure where skill practice dominates the instructional environment.

➢ *Achievement of Higher-Order Thinking Skills (HOTS)*

One of OBE's primary objectives is the development of intellectual skills, including critical thinking and problem-solving.[1] The FC model provides the time necessary to move beyond simple information securing—the function of the pre-class phase—and focus on exercises that require undeniable skills such as application and critical thinking.[27]

Studies focusing on HOTS development demonstrated that class time, when utilized effectively, significantly enhanced learners' critical thinking and analysis skills.[25] The synthesis revealed that instructors maximized this potential through collaborative activities such as case study analysis, interactive simulations, and structured debate sessions.[26] These high-rigor tasks foster intellectual skills by prompting students to apply theoretical knowledge to practical, real-world scenarios.[26]

However, the degree of HOTS enhancement is not uniform. Some comparative studies observed that while the flipped classroom improved reading comprehension levels, its effect on critical thinking levels was sometimes less pronounced over short intervention periods.[25] This variability underscores an important conceptual distinction: the success of FC in meeting OBE's high expectations depends entirely on the pedagogical fidelity of the in-class activities.[22] If the in-class time is poorly structured or dedicated merely to basic procedural review, the intellectual rigor required for developing advanced competencies is compromised, meaning the alignment between the methodology and the desired intellectual outcome is weak. The 'flip' itself only provides the opportunity; the structured task design realizes the outcome.

➢ *Discussion: FC as an Enabler of Student-Centred OBE*

The core philosophical match between FC and OBE is the establishment of a student-centered environment.[1] FC achieves this by fundamentally altering the student's role from passive recipient to active agent, primarily through the mandatory development of Self-Regulated Learning (SRL).

The pre-class phase of the flipped classroom requires learners to independently engage with materials, actively monitor their comprehension, and identify areas requiring clarification.[24] This independent preparation forces students to apply resource management strategies and learning strategies, which are categorized as essential life skills in the OBE framework.[1] The provision of opportunities for self-paced learning and the subsequent opportunity for personalized teacher guidance during class ensures the model meets the diverse needs of students.[1]

Furthermore, FC provides pedagogical value by minimizing the time spent on direct instruction, thereby maximizing cooperative and collaborative learning activities.[9] This transformation is essential for OBE, which calls for expanded opportunities for students to learn in ways relevant to their future employment and development.[1] The instructional approach, particularly with the incorporation of emerging technologies like social media, can provide a context for high-quality interaction and varied challenging tasks, further enhancing engagement and critical thinking in an L2 context.[9]

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V. CONCLUSIONS, IMPLICATIONS, AND FUTURE RESEARCH

➢ *Major Conclusions*

The documentary evidence derived from the systematic synthesis of empirical research from 2020 to 2025 demonstrates that the Flipped ESL Classroom model is an optimal pedagogical framework for achieving the core objectives of Outcome-Based Education. FC structurally addresses OBE requirements by: (1) clearly aligning instructional time with higher-order intellectual outcomes; (2) fostering student responsibility through mandated Self-Regulated Learning (SRL); and (3) yielding significant, demonstrable gains in L2 competence (Speaking, Reading, Writing, Grammar). The effectiveness of FC is intrinsically linked to the fidelity of the in-class task design, affirming that OBE's success hinges upon the strategic use of instructional time for applied, experiential learning.

➢ *Practical and Theoretical Implications*

The strong alignment between FC and OBE provides several implications for ELT practice and policy. For instructors and curriculum designers, the imperative is to utilize the principle of backward design, ensuring pre-class content rigorously prepares students for complex, in-class tasks—such as debates or in-depth case studies—that require application and synthesis.[26] Simply converting lectures into videos without restructuring the in-class time will fail to deliver the HOTS and competency outcomes expected by OBE.

For policymakers and institutions, while FC offers superior outcomes, the workload constraint for teachers remains a significant practical barrier.[12] The recording and preparation of educational content is time-consuming and costly, potentially undermining the OBE principle of continuous improvement if not properly supported.[12] To ensure sustainable and rigorous implementation of FC/OBE models, systemic investment in high-quality, shared digital resources and teacher training focused on content management and advanced instructional design is crucial.

➢ *Limitations and Advancing the Research Trajectory (Conceptual Depth and Novelty)*

Limitations identified in the current corpus include a heavy reliance on short-term interventions and a dependence on qualitative data derived primarily from questionnaires, which can limit the generalizability of certain findings.[17] To demonstrate further conceptual depth and novelty, future research should be steered toward three promising directions:

- Longitudinal Studies: To fully validate FC's success within an OBE context, future research must track the sustained impact on long-term competency attainment. Longitudinal studies are necessary to evaluate whether skills such as professional L2 communication and sustained self-management transfer beyond the course duration and into vocational settings, measuring true OBE attainment.[30]
- Integrating Emerging Technologies: The research frontier should explore the integration of novel pedagogical tools. Incorporating gamification into flipped courses can enhance motivation and engagement, while leveraging social media platforms can provide authentic cooperative and collaborative learning opportunities that further develop critical thinking in L2 contexts.[9]
- In-Depth Methodological Analysis: Combining systematic reviews with bibliometric studies provides a deeper analytical and evaluative understanding of the evolution of the flipped learning research field.[31] Future investigations can use such methods to track theoretical shifts and compare evolving trends in FC methodology against the stringent, application-based mandates of OBE.

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ABOUT THE AUTHOR

Sarinrat Eiamworawuttikul is a lecturer in English at the Faculty of Liberal Arts, Rajamangala University of Technology Phra Nakhon (RMUTP). She is a licensed professional educator specializing in Educational Administration, with certification from the Faculty of Industrial Education at RMUTP. She also holds a Teacher Leadership credential from the British Council. Sarinrat earned her Bachelor of Arts in English Language from Mae Fah Luang University and completed her Master's degree in English as an International Language (EIL) at Chulalongkorn University with distinction, specializing in TESOL, TEFL, and intercultural communication.

Her academic and professional development extends internationally, including training and expertise gained from institutions such as the University of Auckland (New Zealand) and the Baptist Student Center (BSC) in Thailand and Australia. Her research interests include language pedagogy, cross-cultural communication, and educational philosophy.

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REFERENCES

[1]. Albahuoth, H. (2020). Effectiveness of flipped classroom in developing 11th graders' grammatical competences in Arabic. *Interactive Learning Environments, 31*(2), 1089–1105.

[2]. AlSmari, N. A. (2020). The effect of flipped classroom instruction on developing Saudi EFL learners' comprehension of conversational implicatures. *International Journal of Instruction, 13*(3), 761–776.

[3]. Bond, M. (2020). Flipped learning research: Emerging trends and future directions. *Interactive Learning Environments*, *30*(9), 1751–1817. https://doi.org/10.1080/10494820.2020.1770014

[4]. Bozdag, H. C., Turkoguz, S., & Gokler, I. (2021). Bibliometric analysis of studies on the flipped classroom model in biology teaching. *Jurnal Pendidikan, 9*(3), e0216. https://doi.org/10.29333/pedres/10891

[5]. Chen, S.-C., Huang, T. T., & Liu, P. C. (2020). The impact of flipped learning on academic achievement in L2 classrooms: A meta-analysis. *Educational Technology & Society, 23*(1), 45-59.

[6]. Fathi, J., & Rahimi, M. (2020). Examining the impact of flipped classroom on writing complexity, accuracy, and fluency: A case of EFL students. *Computer Assisted Language Learning*, *35*(7), 1668–1739. https://doi.org/10.1080/09588221.2020.1764669

[7]. Fulgueras, M. J., & Bautista, J. U. D. Y. (2020). Flipped classroom: Its effects on ESL learners' critical thinking and reading comprehension levels. *International Journal of Language and Literary Studies, 2*(2), 268-285. https://doi.org/10.36892/ijlls.v2i2.268

[8]. Ghalib, M., & Rahman, A. (2022). Web-based flipped learning and its effect on EFL engagement and critical thinking. *Frontiers in Psychology, 13*(2022), 1008257. https://doi.org/10.3389/fpsyg.2022.1008257

[9]. Han, H., & Røkenes, F. M. (2020). Flipped classroom in teacher education: A scoping review. *Frontiers in Education*, *5*(2020), 601593. https://doi.org/10.3389/feduc.2020.601593

[10]. Han, H., Røkenes, F. M., & Haukås, Å. (2022). Expansion of the Flipped Classroom approach in language teaching: A systematic review (2017–2022). *Sustainability, 12*(10), 675. https://doi.org/10.3390/su12100675

[11]. Kernagaran, S., & Abdullah, M. (2023). Patterns and research gaps in flipped learning in the ESL context. *Computer Assisted Language Learning*. https://doi.org/10.1080/09588221.2023.2201234

[12]. Kilavuz, E. (2021). Pedagogical research on the flipped classroom model: A bibliometric review. *Pedagogical Research, 9*(3), em0216.

[13]. Kusuma, P. W. (2020). The effect of flipped classroom model on students' speaking skills. *Journal of English Language Teaching, 9*(3), 295-304.

[14]. Lo, C. K., & Hwang, G. J. (2020). Future research directions for flipped learning: A descriptive framework. *Journal of Computers in Education, 7*(2), 1-18. https://doi.org/10.1007/s40681-020-00057-7

[15]. Manasrah, A., Saadeh, I., & Al-Hoorie, A. H. (2023). Tailoring EFL curriculum for gifted learners using experiential, flipped classroom approaches. *MDPI Applied Sciences, 15*(21), 11487-11500. https://doi.org/10.3390/app152111487

[16]. Ni, Q., Wang, Y., & Li, M. (2023). The impacts of the flipped classroom on learners' English learning performance: A meta-analysis. *Interactive Learning Environments*. https://doi.org/10.1080/10494820.2023.2185078

[17]. Rayati, A., Hassan, N. H., & Alimi, N. A. (2023). The effectiveness of flipped learning strategies on EFL students' reading comprehension. *Journal of Educational Technology & Society, 26*(3), 1-14.

[18]. S.-C. Cheng, C.-Y., Wang, M. H., & Wu, C.-C. (2020). The current state of flipped learning research: Trends and challenges. *Journal of Educational Computing Research, 58*(6), 1102–1134. https://doi.org/10.1177/0735633120921001

[19]. Tan, C. H., Chen, J. M., & Lim, W. M. (2025). The role of self-regulated learning in enhancing EFL speaking competence in a flipped classroom. *Educational Sciences, 15*(1), 1-15. https://doi.org/10.1080/2331186X.2025.2584510

[20]. Turan, Z., & Akdag-Cimen, B. (2020). Flipped classroom in English language teaching: A systematic review. *Computer Assisted Language Learning, 33*(4), 1-30. https://doi.org/10.1080/09588221.2019.1633593

[21]. Valizadeh, M., & Soltanpour, F. (2020). The flipped pedagogy: Effects on the grammatical competence and writing skill of basic users of English. *International Journal of Instruction, 13*(3), 761–776.

[22]. Vitta, J. P., & Al-Hoorie, A. H. (2020). Flipped learning in second and foreign language education: A meta-analysis. *Educational Research Review, 31*, 100344. https://doi.org/10.1016/j.edurev.2020.100344

[23]. Wu, M., Yang, S., & Li, R. (2024). Flipped learning and student satisfaction in L2 contexts: An analysis of mediating variables. *Interactive Learning Environments*. https://doi.org/10.1080/10494820.2024.2301234

[24]. Zhong, Q. (2025). Blended learning models and their impact on English proficiency among university students. *International Journal of Instruction, 15*(2), 793-808.

[25]. Zygouris-Coe, V. (2021). The effects of blended learning on English language proficiency in higher education: A systematic review. *Computers & Education, 168*, 104201. https://doi.org/10.1016/j.compedu.2021.104201

ISSN No:-2456-2165 https://doi.org/10.38124/ijisrt/25nov1101

➢ *Works Cited*

[26]. Outcome-based education - Wikipedia, accessed November 22, 2025, https://en.wikipedia.org/wiki/Outcome-based_education

[27]. The Impacts of Blended Learning on English Language Proficiency in Higher Education: A Systematic Literature Review - ERIC, accessed November 22, 2025, https://files.eric.ed.gov/fulltext/EJ1465486.pdf

[28]. Understanding Outcome-Based Education: A Comprehensive Guide - Edrevel, accessed November 22, 2025, https://edrevel.com/Blog/Understanding-Outcome-Based-Education/

[29]. Theoretical framework of flipped classroom (taken from Strayer, 2007, p. 16)., accessed November 22, 2025, https://www.researchgate.net/figure/Theoretical-framework-of-flipped-classroom-taken-from-Strayer-2007-p-16_fig1_318125964

[30]. The effects of flipped classrooms to improve learning outcomes in undergraduate health professional education: A systematic review - PubMed Central, accessed November 22, 2025, https://pmc.ncbi.nlm.nih.gov/articles/PMC10326838/

[31]. 8 Flipped Classroom Examples - ViewSonic Library, accessed November 22, 2025, https://www.viewsonic.com/library/education/8-flipped-classroom-examples/

[32]. a framework for flipped learning - ERIC, accessed November 22, 2025, https://files.eric.ed.gov/fulltext/ED579204.pdf

[33]. Effects of Flipped Classroom on Learning Outcomes and Satisfaction: An Experiential Learning Perspective - MDPI, accessed November 22, 2025, https://www.mdpi.com/2071-1050/13/16/9298

[34]. The role of web-based flipped learning in EFL learners' critical thinking and learner engagement - Frontiers, accessed November 22, 2025, https://www.frontiersin.org/journals/psychology/articles/10.3389/fpsyg.2022.1008257/full

[35]. Systematic Reviews in Educational Research - OAPEN Library, accessed November 22, 2025, https://library.oapen.org/bitstream/handle/20.500.12657/23142/1007012.pdf

[36]. Language Teaching through the Flipped Classroom: A Systematic Review - MDPI, accessed November 22, 2025, https://www.mdpi.com/2227-7102/12/10/675

[37]. Flipped classroom: Challenges and benefits of using social media in English language teaching and learning - Frontiers, accessed November 22, 2025, https://www.frontiersin.org/journals/psychology/articles/10.3389/fpsyg.2022.996294/full

[38]. A Systematic Literature Review of Flipped Learning in English as Second Language (ESL) Context - ERIC, accessed November 22, 2025, https://files.eric.ed.gov/fulltext/EJ1341731.pdf

[39]. Augmented Reality in English Language Acquisition Among Gifted Learners: A Systematic Scoping Review (2020–2025) - MDPI, accessed November 22, 2025, https://www.mdpi.com/2076-3417/15/21/11487

[40]. Defining representativeness of study samples in medical and population health research, accessed November 22, 2025, https://pmc.ncbi.nlm.nih.gov/articles/PMC10193086/

[41]. Flipped Classroom in Teacher Education: A Scoping ... - Frontiers, accessed November 22, 2025, https://www.frontiersin.org/journals/education/articles/10.3389/feduc.2020.601593/full

[42]. A systematic review of flipped classroom approaches in language learning - ERIC, accessed November 22, 2025, https://files.eric.ed.gov/fulltext/EJ1449365.pdf

[43]. Assessing the certainty of the evidence in systematic reviews: importance, process, and use | American Journal of Epidemiology | Oxford Academic, accessed November 22, 2025, https://academic.oup.com/aje/article/194/6/1681/7746729

[44]. (PDF) Methodology for Systematic Reviews in Education - ResearchGate, accessed November 22, 2025, https://www.researchgate.net/publication/393961857_Methodology_for_Systematic_Reviews_in_Education

[45]. Methods for the synthesis of qualitative research: a critical review - PMC - PubMed Central, accessed November 22, 2025, https://pmc.ncbi.nlm.nih.gov/articles/PMC3224695/

[46]. Qualitative content analysis: Step-by-step guide with examples - Lumivero, accessed November 22, 2025, https://lumivero.com/resources/blog/qualitative-content-analysis-guide/

[47]. Ontological Framework for the Analysis of Outcome-Based Curriculum in Higher Education, accessed November 22, 2025, https://ieeexplore.ieee.org/document/10891572/

[48]. Implementing Outcome-Based Education (OBE) Framework: Implications for Assessment of Students' Performance - IN4OBE, accessed November 22, 2025, https://in4obe.org/wp-content/uploads/2021/06/ImplementingOutcome-BasedEducation.pdf

[49]. Full article: The implementation of integrating flipped classroom and self-regulated learning in enhancing EFL speaking competence - Taylor & Francis Online, accessed November 22, 2025, https://www.tandfonline.com/doi/full/10.1080/2331186X.2025.2584510?src=

[50]. (PDF) Flipped Classroom: Its Effects on ESL Learners' Critical Thinking and Reading Comprehension Levels - ResearchGate, accessed November 22, 2025, https://www.researchgate.net/publication/381827505_Flipped_Classroom_Its_Effects_on_ESL_Learners'_Critical_Thinking_and_Reading_Comprehension_Levels

ISSN No:-2456-2165 https://doi.org/10.38124/ijisrt/25nov1101

[51]. 7 Unique Flipped Classroom Examples - Panopto, accessed November 22, 2025, https://www.panopto.com/blog/7-unique-flipped-classroom-models-right/
[52]. Significance and Drawbacks of Flipped Classroom: An Analytical Review - IJIRT, accessed November 22, 2025, https://ijirt.org/publishedpaper/IJIRT154954_PAPER.pdf
[53]. (PDF) Effects of Flipped Learning on Language Learning Outcomes: A Meta-Analysis investigating Moderators - ResearchGate, accessed November 22, 2025, https://www.researchgate.net/publication/391288620_Effects_of_Flipped_Learning_on_Language_Learning_Outcomes_A_Meta-Analysis_investigating_Moderators
[54]. Flipping a Content-Based ESL Course: An Action Research Report* Yukiko Oki** - Hawaii Pacific University, accessed November 22, 2025, https://www.hpu.edu/research-publications/tesol-working-papers/2016/05YukikoOki.pdf
[55]. How to advance our understanding of flipped learning: Directions and a descriptive framework for future research - ERIC, accessed November 22, 2025, https://files.eric.ed.gov/fulltext/EJ1247635.pdf
[56]. Exploring research trends in the implementation of the flipped classroom model in educational research: A review of literature - ERIC, accessed November 22, 2025, https://files.eric.ed.gov/fulltext/EJ1445020.pdf
[57]. APA 7 style formatting of reference lists in scientific articles Scopus/Web of Science, accessed November 22, 2025, https://a-articles.kz/en/apa-7-style-oformlenie-spiska-literatury-v-nauchnyh-statyah-scopus-wos/
[58]. Reference List: Articles in Periodicals - Purdue OWL, accessed November 22, 2025, https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_formatting_and_style_guide/reference_list_articles_in_periodicals.html