

REFERENCES

- Adipati, S., Laksana, K., Busayanon, K., Ausawasowan, A., & Adipat, B. (2021). Engaging students in the learning process with game-based learning: The fundamental concepts. *International Journal of Technology in Education*, 4(3), 542–552. <https://doi.org/10.46328/ijte.169>
- Agung, A., & Novi, A. (2022). *Preference of English language education students of learning styles*. 2(1), 126–133. <https://doi.org/10.36663/joes.v2i1.271>
- Akbari, Z. (2015). Current challenges in teaching / learning english for EFL learners : The case of junior high school and high school. *Procedia - Social and Behavioral Sciences*, 199, 394–401. <https://doi.org/10.1016/j.sbspro.2015.07.524>
- Alshammari, S. H., & Alkhwalidi, A. F. (2025). *An integrated approach using social support theory and technology acceptance model to investigate the sustainable use of digital learning technologies*, 1–13.
- Ambler, T., Sinnayah, P., & Lim, J. (2024). Exploring experience: Teacher narratives and narratives of teaching. *Education Sciences*, 14(12), 14–16. <https://doi.org/10.3390/educsci14121375>
- An, S., & Zhang, S. (2024). *Effects of ability grouping on students' collaborative problem-solving patterns: Evidence from lag sequence analysis and epistemic network analysis*. 15. <https://doi.org/10.1016/j.tsc.2023.101453>
- Aprilia, N. I., Nasekhah, D., & Semarang, U. N. (2025). *Enhancing EFL grammar learning through game-based learning: A systematic literature*. 12(2).
- Archua Sarias, C., Marie Sajulan, E., & Pukunum, S. (2025). The perceptions of teachers in using game-based strategy in teaching English. *International Journal of Innovative Science and Research Technology*, 1093–1105. <https://doi.org/10.38124/ijisrt/25jun692>
- Arias Valencia, M. M. (2022). Principles, scope, and limitations of the methodological triangulation. *Investigación y Educación En Enfermería*, 40(2). <https://doi.org/10.17533/udea.iee.v40n2e03>.
- Averina, F. E., & Kuswandono, P. (2023). Professional development of Indonesian

- in-service EFL teachers: Perceived impacts and challenges. *Englisia: Journal of Language, Education, and Humanities*, 10(2), 71.
<https://doi.org/10.22373/ej.v10i2.15589>
- Balakrishna, C. (2023). *The impact of in-classroom non-digital game-based learning activities on students transitioning to higher education*. *Education Sciences*.
- Bearman, M. (2019). Focus on methodology: Eliciting rich data: A practical approach to writing semi-structured interview schedules. 20(3), 1–11.
- Becker, K. (2015). Choosing and using digital games in the classroom: A practical guide.
- Bernate, J. (2023). *Emerging technologies in learning*. 18(21), 4–23.
- Braun, V., & Clarke, V. (2019). Thematic analysis revised. *Journal of Chemical Information and Modeling*, 53(9), 1689–1699.
- Charles, M. T., Bustard, D., & Black, M. (2008). Game inspired tool support for e-learning processes. *Proceedings of the 7th European Conference on E-Learning, ECEL 2008*, 1(January), 188–197.
- Cheng-Tai Li, H.-T. H., & Liang-H. L. (2022). *Design of a dual-hierarchy scaffolding board game-based learning activity for EFL reading comprehension*. 29(6). <https://doi.org/10.1177/13621688221125903>
- Çiftci Aksoy, B. N., & Takkaç Tulgar, A. (2024). The effects of flipped classroom on EFL students' autonomy and motivation. *GIST – Education and Learning Research Journal*, 27(27), 7–36.
<https://doi.org/10.26817/16925777.1727>
- Clandinin, D. J., & Connelly, F. M. (2000). What do narrative inquirers do? Narrative inquiry: Experience and story in qualitative research, 48–62.
- Darling-Hammond, L., Hyler, M. E., & Gardner, M. (2017). Effective teacher professional development (A report prepared for the learning policy institute.)
 june.
https://learningpolicyinstitute.org/sites/default/files/product-files/Effective_Teacher_Professional_Development_REPORT.pdf
- Desimone, L. M. (2009). *Improving impact studies of teachers' professional*

- development: Toward better conceptualizations and measures. *April*, 181–199. <https://doi.org/10.3102/0013189X08331140>
- Desi Febiola, N. A., Reni Artika, & A. F. A. (2024). *Challenges and solutions in the implementation of technology-based learning models. TOFEDU: The Future of Education Journal*, 3(4), 972–976. <https://journal.tofedu.or.id/index.php/journal/index>
- Devonshire, I. M., Davis, J., Fairweather, S., Highfield, L., Thaker, C., Walsh, A., Wilson, R., & Hathway, G. J. (2014). Risk-based learning games improve long-term retention of information among school pupils. *PLoS ONE*, 9(7). <https://doi.org/10.1371/journal.pone.0103640>
- Dhivya, R. B., & Ilankumaran, M. (2024). *English language teaching through student-centered activities: An overview*. 8(6), 5723–5734. <https://doi.org/10.55214/25768484.v8i6.3244>
- Dorji, T. (2022). The effect of games Simulation in improving secondary students' academic performance. *International Journal of Social Learning (IJSL)*, 3(1), 48–64. <https://doi.org/10.47134/ijsl.v3i1.147>
- Dzikrullah, M. I., & Syafi'i, A. (2021). Quizizz as interactive and gamified assessment platform: Voices from Indonesian EFL secondary learners. *Jurnal Educative: Journal of Educational Studies*, 6(2), 141. <https://doi.org/10.30983/educative.v6i2.4916>
- Francom, G. M. (2021). *Technologies, challenges and needs of K–12 teachers in the transition to distance learning during the COVID-19 pandemic*, 589–601.
- Ghamoushi, M., Zenouzagh, Z. M., & Hashamdar, M. (2022). Development and validation of a potential assessment inventory for assessing EFL teachers' ecological agency. *Language Testing in Asia*, 12(1). <https://doi.org/10.1186/s40468-022-00190-5>
- Ghazy, A., Wajdi, M., Sada, C., & Ikhsanudin, I. (2021). The use of game-based learning in English class. *Journal of Applied Studies in Language*, 5(1), 67–78. <https://doi.org/10.31940/jasl.v5i1.2400>
- Golombek, P. R., & Johnson, K. E. (2017). Re-conceptualizing teachers' narrative

- inquiry as professional development. *PROFILE Issues in Teachers' Professional Development*, 19(2), 15–28.
<https://doi.org/10.15446/profile.v19n2.65692>
- Guskey, T. (2014). Professional development and teacher change. *December*.
<https://doi.org/10.1080/135406002100000512>
- Hartt, M., Hosseini, H., Mostafapour, M., & Hartt, M. (2020). *Game on: Exploring the effectiveness of game-based learning. Planning Practice & Research*, 00(00), 1–16. <https://doi.org/10.1080/02697459.2020.1778859>
- Hikmawan, I., Damayanti, I. L., & Setyarini, S. (2023). *Journal of English Language Studies*, 8(2), 249–268.
- Hoskin, M. J. (2025). Supporting teacher agency and aesthetic experience for sustainable professional development. *Education Sciences*, 15(9), 1–18.
<https://doi.org/10.3390/educsci15091130>
- Hussain, M. S., Salam, A., & Farid, A. (2020). *Students' motivation in English language learning (ELL): An exploratory study of motivational factors for EFL and ESL adult learners*. 15–28.
- Islam, U., & Banda, N. A. (2025). *Gamification in Islamic religion education: Developing interactive learning media via Quizizz with the ADDIE*. 12(1), 171–191.
- Kim, Y. O., Yun, S., & Sol, Y. H. (2023). Analysis of an “international teaching practicum” as a program for achieving “teacher agency” and strengthening “technological pedagogical content knowledge.” *Frontiers in Education*, 8.
<https://doi.org/10.3389/educ.2023.1200092>
- Kolb, D. A. (1984). Experiential learning: Experience as the source of learning and experiential learning: *Experience as the source of learning and development. December*.
- Kolb, D. A. (2015). Experiential learning. In experiential learning: Experience as the source of learning and development.
- Kucher, T. (2021). Principles and best practices of designing digital game-based learning environments. *International Journal of Technology in Education and Science*, 5(2), 213–223. <https://doi.org/10.46328/ijtes.190>

- Lasala, N. L. (2024). *Students' intrinsic motivation using game-based activities*. 14(2), 50–70.
- Leijen, Ä., Pedaste, M., & Baucal, A. (2024). A new psychometrically validated questionnaire for assessing teacher agency in eight dimensions across pre-service and in-service teachers. *Frontiers in Education*, 9(April), 1–7. <https://doi.org/10.3389/educ.2024.1336401>
- Lestari, Y. B., Yusra, K., Hanafi, N., Nawawi, N., & Nuriadi, N. (2022). Personal and contextual factors influencing teacher agency in overcoming students' learning difficulties. *Eralingua: Jurnal Pendidikan Bahasa Asing Dan Sastra*, 6(2), 331. <https://doi.org/10.26858/eralingua.v6i2.34196>
- Li, Y., Chen, D., & Id, X. D. (2024). *The impact of digital educational games on student's motivation for learning: The mediating effect of learning engagement and the moderating effect of the digital environment*, 1–21. <https://doi.org/10.1371/journal.pone.0294350>
- Lin, H. (2022). The influence mechanism of high school English grammar science, technology, engineering, art, and mathematics teaching model on high school students' learning psychological motivation. 13(July), 1–10. <https://doi.org/10.3389/fpsyg.2022.917167>
- Machost, H., & Stains, M. (2023). Reflective practices in education a primer for practitioners. *CBE Life Sciences Education*, 22(2), 1–11. <https://doi.org/10.1187/cbe.22-07-0148>
- Maharani, S., Agung, R., & Putra, A. (2025). *Reflective practice and teaching philosophy: Insights from experienced EFL teachers in Indonesia*. 6(June), 39–50.
- Mammadova, R. (2024). *Engaging learners: Teaching English through interactive*. 1(1), 116–123.
- Marsevani, M., Slikker, G. M., & Pratiwi, T. L. (2024). *Portraying young learners' language learning strategies: A case study from EFL teachers' voices*. 9(November), 383–405.
- Meital Amzalag, D. K., & S. P. (2024). *Enhancing academic achievement and engagement through digital game-based learning: An empirical study on*

- middle school students*. 62(5). <https://doi.org/10.1177/07356331241236937>
- Melika, D., Iman, J. N. U. R., & Ulfah, B. (2023). Effectiveness of storytelling to improve with descriptive text of students reading achievement. *11*, 1–6.
- Monalisa. (2023). Pengaruh game-based learning mata pelajaran informatika kurikulum merdeka terhadap motivasi dan prestasi belajar SMPN 5 Tangerang Corresponding author: Monalisa. *Jurnal Ilmu Pendidikan*, 03(01), 19–29. <https://doi.org/10.53977/ps.v2i01.908>
- Mustofa, M. I., & Damayanti, I. L. (2024). 9(May), 89–106.
- Nadeem, M., & Oroszlanyova, M. (2023). *Effect of digital game-based learning on student engagement and motivation*.
- Nemes, J. (2025). *Factors affecting the implementation of blended learning in higher learning institutions in Tanzania: A comprehensive*. 10(1), 81–98.
- Nurafrilia Anindya Dwirahmita. (2020). Teaching vocabulary through the implementation of game-based learning for junior high school students: The teachers' perception. *17*, 11. <https://jim.unisma.ac.id/index.php/jp3/article/view/8277>
- O'Neill, E. D., & D. K. (2020). *Technology disruptions and elementary teachers' problem solving in an urban Canadian district: A case study*. 50(4), 365–383. <https://doi.org/10.1080/15391523.2018.1525327>
- Peng, R., & Fu, R. (2021). *The effect of Chinese EFL students' learning motivation on learning outcomes within a blended learning environment*. 37(6), 61–74.
- Plass, J. L., Homer, B. D., & Kinzer, C. K. (2015). Foundations of game-based learning. *Educational Psychologist*, 50(4), 258–283. <https://doi.org/10.1080/00461520.2015.1122533>
- Ponnaiah, P., & Abdul Aziz, A. (2022). The effectiveness of the use of technology in a primary ESL classroom: A systematic literature review. *International Journal of Academic Research in Progressive Education and Development*, 11(2). <https://doi.org/10.6007/ijarped/v11-i2/12275>
- Pozzi, F., Ceregini, A., Ivanov, S., Passarelli, M., Persico, D., & Volta, E. (2024). *Digital vs. hybrid: Comparing two versions of a board game for teacher training*. *Education Sciences*.

- Pratiwi, A., Drajiati, N. A., Indriyani, E., & Handayani, P. (2022). Edulanguage exploring student's learning enjoyment and vocabulary mastery in digital game-based learning experience: A narrative inquiry. *Journal of English Language Education*, 5(1), 37–65. *The*
- Prensky, M. (2001). Games generations : How learners have Changed. c, 1–26.
- Priestley, M., Biesta, G.J.J. & Robinson, S. (2015). Teacher agency: An ecological approach. *London: Bloomsbury Academic. In Press.*
<http://www.bloomsbury.com/us/teacher-agency-9781472532886/>
- Rachmajanti, S., Sulistyono, G. H., Megawati, F., & Akbar, A. A. N. M. (2020). Professional development as viewed by EFL teachers at lower secondary schools. *JEES (Journal of English Educators Society)*, 5(2), 205–212.
<https://doi.org/10.21070/jees.v5i2.964>
- Rosmaria, R., & Fadhillah, N. (2024). *Traditional game-based learning innovation to develop social skills of elementary school students. Ludi Litterarri*, 3(1), 26–37.
- Rulismi, D., Sahil, A., & Dali, Z. (2024). *Effectiveness of the use of Quizizz media on students' learning interest. 4.*
- Sapkota, T. (2025). Teachers', principals' and university-based teacher educators' multiple conceptions of teachers' professional development. *Frontiers in Education*, 10(September). <https://doi.org/10.3389/feduc.2025.1554740>
- Septianto, I., Sumaryanti, Nasrulloh, A., Sulistiyono, Nugraha, H., Ali, M., Ramadhani, A. M., Dewantara, J., Haniyyah, N., Fauzi, Suryadi, D., & Ardian, R. S. (2024). *Traditional games for physical fitness: An experimental study on elementary school students. Nuevas Perspectivas de Educación Física, Deporte y Recreación*, 54, 122.
<https://doi.org/10.47197/retos.v54.104177>
- Sugiyati, S., & Sujarwati, I. (2025). The impact of the snakes and ladders game on students' vocabulary. *International Journal of Innovation and Education Research*, 4(1), 1–14. <https://doi.org/10.33369/ijier.v4i1.40564>
- Suprpto, N., Sunarti, T., Wulandari, D., & Hidayaatullaah, H. N. (2020). A systematic review of photovoice as participatory action research strategies.

- 9(3), 675–683. <https://doi.org/10.11591/ijere.v9i3.20581>
- Ulfah, B. (2023). *Unraveling motivation in English language learning: Insights from non-EFL university students*. 10(2), 139–156. <https://doi.org/10.33394/jo-elt.v10i2.7869>
- Wafubwa, R. N. (2022). Impact of formative assessment instructional approach on students' mathematics achievement and their metacognitive awareness. 15(2), 119–138.
- Widi, B., Virgin, P., Bao, D., & Priadi, A. (2023). *The investigation of in-class silence behavior among adult EFL learners: A case study at a private university in Yogyakarta*. 3(1), 59–72.
- Yang, L., Li, R., & Zhou, Y. (2024). *Research trends of game-based language learning in K–12 education: A systematic review of SSCI articles during 2009–2022*. 3, 1218–1230.
- Yang, Y.-F., Alexis, C.-C. H., N.-S. C., & Siao-C. L. (2025). *Digital game-playing to enhance English vocabulary and content learning among anxious foreign language students*. 38(8), 2232–2259. <https://doi.org/10.1080/09588221.2024.2371383>
- Zakaria, A., Addanan, F. A., Khalili, N. N. M., Zakaria, Y. K., & Mohamad, M. (2024). A systematic literature review of the impact of game-based learning on English learners. *International Journal of Academic Research in Business and Social Sciences*, 14(8), 980–996. <https://doi.org/10.6007/ijarbss/v14-i8/22462>
- Zhou, S. (n.d.). Gamifying language education: The impact of digital. *Humanities and Social Sciences Communications*. <https://doi.org/10.1057/s41599-024-04073-3>
- An, S., & Zhang, S. (2024). *Effects of ability grouping on students' collaborative problem solving patterns: Evidence from lag sequence analysis and epistemic network analysis*. 15. <https://doi.org/10.1016/j.tsc.2023.101453>
- Aprilia, N. I., Nasekhah, D., & Semarang, U. N. (2025). *ENHANCING EFL GRAMMAR LEARNING THROUGH GAME-BASED LEARNING : A SYSTEMATIC LITERATURE*. 12(2).

- Bernate, J. (2023). *Emerging Technologies in Learning*. 18(21), 4–23.
- Cheng-Tai Li, Huei-Tse Hou, liang-H. L. (2022). *Design of a dual-hierarchy scaffolding board game-based learning activity for EFL reading comprehension*. 29(6).
<https://doi.org/https://doi.org/10.1177/13621688221125903>
- Desi Febiola¹, Nurul Annisa², Reni Artika³, A. F. A. (2024). Challenges and Solutions in the Implementation of Technology-Based Learning Models. *TOFEDU: The Future of Education Journal*, 3(4), 972–976.
<https://doi.org/https://journal.tofedu.or.id/index.php/journal/index>
- Dewey, J. (2008). *Experience and Education*. December 2014, 37–41.
<https://doi.org/10.1080/00131728609335764>
- Francom, G. M. (2021). *Technologies , Challenges and Needs of K-12 Teachers in the Transition to Distance Learning during the COVID-19 Pandemic*. 589–601.
- Ghazy, A., & Wajdi, M. (2021). *The use of game-based learning in English class*. 5(1), 67–78.
- Hartt, M., Hosseini, H., Mostafapour, M., & Hartt, M. (2020). Game On : Exploring the Effectiveness of Game- based Learning Game On : Exploring the Effectiveness of Game-based Learning. *Planning Practice & Research*, 00(00), 1–16. <https://doi.org/10.1080/02697459.2020.1778859>
- Hikmawan, I., Damayanti, I. L., Setyarini, S., Indonesia, U. P., & Info, A. (2023). *Journal of English Language Studies*. 8(2), 249–268.
- Kolb, D. A. (1984). *Experiential Learning : Experience As The Source Of Learning And Experiential learning : experience as the source of learning and development*. December.
- Kolb, D. A. (2015). Experiential Learning. In *Experiential learning : experience as the source of learning and development*.
- Lasala, N. L. (2024). *STUDENTS ' INTRINSIC MOTIVATION USING GAME-BASED ACTIVITIES*. 14(2), 50–70.
- Li, Y., Chen, D., & Id, X. D. (2024). *The impact of digital educational games on student ' s motivation for learning : The mediating effect of learning*

- engagement and the moderating effect of the digital environment*. 1–21.
<https://doi.org/10.1371/journal.pone.0294350>
- Maharani, S., Agung, R., & Putra, A. (2025). *Reflective Practice and Teaching Philosophy : Insights from Experienced EFL Teachers in Indonesia*. 6(June), 39–50.
- Marsevani, M., Slikker, G. M., & Pratiwi, T. L. (2024). *Portraying Young Learners ' Language Learning Strategies : A Case Study from EFL Teachers ' Voices*. 9(November), 383–405.
- Meital Amzalag, Dorin Kadusi, and S. P. (2024). *Enhancing Academic Achievement and Engagement Through Digital Game-Based Learning: An Empirical Study on Middle School Students*. 62(5).
<https://doi.org/https://doi.org/10.1177/07356331241236937>
- Mustofa, M. I., & Damayanti, I. L. (2024). *! JETi-lt*. 9(May), 89–106.
- Nadeem, M., & Oroszlanyova, M. (2023). *Effect of Digital Game-Based Learning on Student Engagement and Motivation*.
- Nemes, J. (2025). *Pedagogy of Social Studies Factors Affecting the Implementation of Blended Learning in Higher Learning Institutions in Tanzania : A Comprehensive*. 10(1), 81–98.
- Nurhasnah, N., Sepriyanti, N., & Kustati, M. (2024). *Learning Theories According to Constructivism Theory. Journal International Inspire Education Technology*, 3(1), 19–30. <https://doi.org/10.55849/jiiet.v3i1.577>
- O'Neill, E. D. & D. K. (2020). *Technology Disruptions and Elementary Teachers' Problem Solving in an Urban Canadian District: A Case Study*. 50(4), 365–383. <https://doi.org/https://doi.org/10.1080/15391523.2018.1525327>
- Plass, J. L., Homer, B. D., & Kinzer, C. K. (2015). *Foundations of Game-Based Learning. Educational Psychologist*, 50(4), 258–283.
<https://doi.org/10.1080/00461520.2015.1122533>
- Pozzi, F., Ceregini, A., Ivanov, S., Passarelli, M., Persico, D., & Volta, E. (2024). *education sciences Digital vs . Hybrid : Comparing Two Versions of a Board Game for Teacher Training*.
- Yaman, H., Sousa, C., Neves, P. P., & Luz, F. (2024). *Implementation of Game-*

Based Learning in Educational Contexts : Challenges and Intervention Strategies. 22(10), 19–36.

Yang, L., Li, R., & Zhou, Y. (2024). No Title. *Research Trends of Game-based Language Learning in K-12 Education: A Systematic Review of SSCI Articles during 2009–2022.*, 3, 40. 1218-1230

Yang, Y.-F., & Alexis, Chih-Chien Hu, N.-S. C. & Siao-C. L. (2025). *Digital game-playing to enhance English vocabulary and content learning among anxious foreign language students.* 38(8), 2232–2259.

<https://doi.org/https://doi.org/10.1080/09588221.2024.2371383>