

## REFERENCES

- Abrams, S. S., & Walsh, S. (2014). Gamification and education: A conceptual framework. *Educational Technology & Society*, 17(2), 41–50.
- Abrams, S. S., & Walsh, S. (2014). Gamified vocabulary: How digital games can support vocabulary instruction. *Journal of Adolescent & Adult Literacy*, 58(1), 49–58. <https://doi.org/10.1002/jaal.315>
- Arksey, H., & O'Malley, L. (2005). Scoping studies: Towards a methodological framework. *International Journal of Social Research Methodology*, 8(1), 19–32. <https://doi.org/10.1080/1364557032000119616>
- Barata, G., Gama, S., Jorge, J., & Gonçalves, D. (2013). Improving participation and engagement in computer supported collaborative learning. *Computers & Education*, 60(1), 456–468.
- Becker, K., & Jacobsen, M. (2020). *Gamification in education: Realizing the potential of game-based learning*. Springer.
- Brown, J. S., Collins, A., & Duguid, P. (1989). Situated cognition and the culture of learning. *Educational Researcher*, 18(1), 32–42. <https://doi.org/10.3102/0013189X018001032>
- Cameron, L. (2001). *Teaching languages to young learners*. Cambridge University Press.
- Chien, C. W. (2015). Analysis of English vocabulary learning strategies of Taiwanese students at the university level. *Asian EFL Journal*, 17(1), 147–173.
- Deci, E. L., & Ryan, R. M. (1985). *Intrinsic motivation and self-determination in human behavior*. Plenum.
- Delgadová, E. (2015). Reading literacy as one of the most significant academic competencies for the university students. *Procedia - Social and Behavioral Sciences*, 178, 48–53. <https://doi.org/10.1016/j.sbspro.2015.03.145>
- Deterding, S. (2012). Gamification: Designing for motivation. *Interactions*, 19(4), 14–17.
- Deterding, S., Dixon, D., Khaled, R., & Nacke, L. (2011). From game design elements to gamefulness: Defining “gamification.” *Proceedings of the 15th International Academic MindTrek Conference: Envisioning Future Media Environments*, 9–15. <https://doi.org/10.1145/2181037.2181040>

- Dewabrata, A. (2019). The urgency of literacy improvement based on PISA result in Indonesia. *Journal of Educational Review and Research*, 2(1), 13–19. <https://doi.org/10.26737/jerr.v2i1.732>
- Enayati, T., & Gilakjani, A. P. (2020). The impact of CALL instruction on vocabulary learning of EFL learners. *Journal of Language Teaching and Research*, 11(2), 209–216. <https://doi.org/10.17507/jltr.1102.03>
- Firliantama, A., & Rokhayani, A. (2023). The effectiveness of gamified learning in enhancing vocabulary acquisition. *Journal of English Language Teaching*, 12(1), 45–58.
- Firliantama, H., & Rokhayani, A. (2023). Enhancing students' vocabulary achievement through game-based learning. *EFL Journal*, 8(2), 198–207.
- Fitriani, E., & Rizkia, A. (2024). WordWall games for vocabulary learning: A multimodal approach. *International Journal of Language Education*, 8(2), 112–125.
- Fitriani, S. R., & Rizkia, D. A. (2024). Gamification in digital vocabulary instruction: Engaging learners through Wordwall. *Journal of Language and Linguistic Studies*, 20(1), 1–15.
- Hanus, M. D., & Fox, J. (2015). Assessing the effects of gamification in the classroom: A longitudinal study on intrinsic motivation, social comparison, satisfaction, effort, and academic performance. *Computers & Education*, 80, 152–161.
- Hossain, M. A. (2023). Kahoot and vocabulary anxiety in tertiary education. *ELT Journal*, 77(3), 345–356.
- Hossain, M. I. (2023). Using Kahoot to promote vocabulary learning in higher education. *Journal of Language and Education*, 9(2), 100–110.
- Hussain, I. (2018). Effectiveness of using wiki-based activities in enhancing EFL learners' vocabulary performance. *International Journal of Instruction*, 11(2), 61–76. <https://doi.org/10.12973/iji.2018.1125a>
- Iftitah, L., Agustin, L. M., & Rismawati, R. (2025). Enhancing EFL vocabulary learning through digital games: A classroom action study using Wordwall Web. *Journal of English Pedagogy and Technology*, 3(1), 33–42.
- Jeong, H. (2016). The use of Google Docs for collaborative writing in the EFL classroom. *TESL-EJ*, 20(1), 1–15.

- Kapp, K. (2012). *The gamification of learning and instruction: Game-based methods and strategies for training and education*. Pfeiffer.
- Karaaslan, A., et al. (2018). Synchronous and asynchronous games for language learning. *Computer Assisted Language Learning*, 31(5–6), 567–589.
- Karaaslan, H., Çelebi, M. D., & Mammadov, S. (2018). Gamification and vocabulary learning: A case study with Kahoot! *Journal of Language and Linguistic Studies*, 14(4), 92–106.
- Koivisto, J., & Hamari, J. (2019). The gamification of education: A review of empirical literature. *Journal of Computer Assisted Learning*, 35(3), 311–336.
- Krashen, S. D. (1990). *The input hypothesis: Issues and implications*. Longman.
- Lave, J., & Wenger, E. (1991). *Situated learning: Legitimate peripheral participation*. Cambridge University Press.
- Liu, M. (2016). The effectiveness of mobile-assisted concept mapping in vocabulary instruction. *Computer Assisted Language Learning*, 29(4), 809–827. <https://doi.org/10.1080/09588221.2015.1069744>
- Malone, T. W., & Lepper, M. R. (1987). Making learning fun: A taxonomy of intrinsic motivations for learning. In R. E. Snow & M. J. Farr (Eds.), *Aptitude, learning, and instruction: Vol. 3. Conative and affective process analyses* (pp. 223–253). Erlbaum.
- Mayer, R. E. (2009). *Multimedia learning* (2nd ed.). Cambridge University Press.
- Mayer, R. E., & Moreno, R. (2003). Nine ways to reduce cognitive load in multimedia learning. *Educational Psychologist*, 38(1), 43–52. [https://doi.org/10.1207/S15326985EP3801\\_6](https://doi.org/10.1207/S15326985EP3801_6)
- Moreno, R., & Mayer, R. E. (2007). Interactive multimodal learning environments. *Educational Psychology Review*, 19(3), 309–326. <https://doi.org/10.1007/s10648-007-9047-2>
- Munn, Z., Peters, M. D. J., Stern, C., Tufanaru, C., McArthur, A., & Aromataris, E. (2018). Systematic review or scoping review? Guidance for authors when choosing between review types. *BMC Medical Research Methodology*, 18(1), 143. <https://doi.org/10.1186/s12874-018-0611-x>
- Nabhan, S., & Hidayat, D. N. (2018). Digital literacy: A challenge for English teachers in the 21st century. *Indonesian Journal of English Language*

*Teaching and Applied Linguistics*, 2(1), 1–10.  
<https://doi.org/10.21093/ijeltal.v2i1.18>

- Nasrullah, R., & Aini, R. N. (2024). The use of TED Talks in vocabulary learning: An integrative model. *Journal of English Language Studies*, 9(1), 55–68.
- Nation, I. S. P. (2001). *Learning vocabulary in another language*. Cambridge University Press.
- New London Group. (2011). A pedagogy of multiliteracies: Designing social futures. In B. Cope & M. Kalantzis (Eds.), *Multiliteracies: Literacy learning and the design of social futures* (pp. 9–38). Routledge.
- Nurhayati, E., Rusmawan, T., & Fauziah, Y. (2023). Analysis of HOTS-based reading comprehension questions in Indonesian EFL textbooks. *Jurnal Pendidikan dan Pengajaran*, 56(2), 119–132.  
<https://doi.org/10.23887/jpp.v56i2.62234>
- Paivio, A. (1986). *Mental representations: A dual coding approach*. Oxford University Press.
- Pitri, R. P., & Sofia, N. (2022). The effect of digital media and reading interest on students' literacy skills in vocational schools. *Journal of Education and Practice*, 13(4), 45–51.
- Prensky, M. (2001). Digital natives, digital immigrants. *On the Horizon*, 9(5), 1–6.
- Purwanto, A., & Syafryadin, S. (2023). Duolingo's impact on vocabulary motivation and confidence. *Asian Journal of English Language Teaching*, 33(1), 78–92.
- Purwanto, A., & Syafryadin, S. (2023). The impact of Duolingo on students' vocabulary mastery. *Journal of Language Teaching and Learning*, 13(2), 89–102.
- Rahman, M. M. (2015). Exploring some key issues of mobile assisted language learning (MALL): Theories, practices and challenges. *International Journal on New Trends in Education and Their Implications*, 6(3), 1–11.
- Reynolds, B. L., & Teng, F. (2019). Exploring EFL learner reading literacy: A multidimensional model. *The Asia-Pacific Education Researcher*, 28, 143–154. <https://doi.org/10.1007/s40299-018-0419-5>
- Shahbaz, M., & Khan, R. M. I. (2017). Using WhatsApp for vocabulary development: A case study. *Journal of Distance Education and Research*, 10(1), 88–102.

- Shara, M., Umami, I., & Rohmah, Z. (2020). The contribution of reading literacy to students' writing ability. *Journal of English Language Teaching and Linguistics*, 5(1), 100–111. <https://doi.org/10.21462/jeltl.v5i1.376>
- Siemens, G. (2005). Connectivism: A learning theory for the digital age. *International Journal of Instructional Technology and Distance Learning*, 2(1), 3–10.
- Song, Y., & Fox, R. (2005). Integrating MALL into a college EFL curriculum: Students' perspectives. *Journal of Educational Technology & Society*, 11(2), 43–56.
- Suwantarathip, O., & Orawiwatnakul, W. (2015). Using mobile-assisted exercises to support students' vocabulary skill development. *TOJET: The Turkish Online Journal of Educational Technology*, 14(1), 163–171.
- Sweller, J. (1994). Cognitive load theory, learning difficulty, and instructional design. *Learning and Instruction*, 4(4), 295–312. [https://doi.org/10.1016/0959-4752\(94\)90003-5](https://doi.org/10.1016/0959-4752(94)90003-5)
- Syahrianita, R., & Kalsum, U. (2025). Designing culturally responsive e-modules to improve EFL vocabulary acquisition. *Journal of ELT Research*, 10(1), 25–38.
- Vygotsky, L. S. (1978). *Mind in society: The development of higher psychological processes*. Harvard University Press.
- Willis, J. (1996). *A framework for task-based learning*. Longman.

