

REFERENCES

- Ali, S. S. (2019). Problem Based Learning: A Student-Centered Approach. *English Language Teaching*. <https://doi.org/10.5539/elt.v12n5p73>
- Apuke, O. D., & Iyendo, T. O. (2018). University students' usage of the internet resources for research and learning: forms of access and perceptions of utility. *Heliyon*. <https://doi.org/10.1016/j.heliyon.2018.e01052>
- Azman, N., & Shin, L. K. (2012). Problem-based learning in English for a second language classroom: Students' perspectives. *International Journal of Learning*. <https://doi.org/10.18848/1447-9494/cgp/v18i06/47648>
- Clyde, W., & Delohery, A. (2005). Using technology in teaching. In *Using Technology in Teaching*. <https://doi.org/10.12987/9780300133325>
- Dalton, C. C., & Gottlieb, L. N. (2003). The concept of readiness to change. *Journal of Advanced Nursing*. <https://doi.org/10.1046/j.1365-2648.2003.02593.x>
- Gumbira, N. R., Subroto, D. E., & Ulya, A. N. (2025). *Berbagai Inovasi Media Pembelajaran untuk Meningkatkan Minat Belajar Siswa*.
- Hasan, D. A., Kumar, D. A., & Trique, D. M. (2024). *TRANSFORMING TRADITIONAL CLASSROOMS: HARNESSING TECHNOLOGY FOR*. 5(3), 882–886. <https://doi.org/10.29121/shodhkosh.v5.i3.2024.341>
- Hasibuan, R. A., & Kardena, A. (2024). English Teachers' Challenges In Implementing Merdeka Curriculum. *PESHUM: Jurnal Pendidikan, Sosial Dan Humaniora*, 3(4), 602–606.
- Ilwandri, Rahman, A., Santosa, T. A., Zulkifli, Suharyat, Y., & Suhaimi. (2023). The Effect of Problem Based Learning-STEM on Students' 21st Century Skills in Indonesia: A Meta-Analysis . *LITERACY: International Scientific Journals of Social, Education, Humanities*.
- Indarta, Y., Jalinus, N., Waskito, Samala, A. D., Riyanda, A. R., & Adi, N. H. (2022). Relevansi Kurikulum Merdeka Belajar Dengan Model Pembelajaran Abad 21 Dalam Perkembangan Era Society 5 . 0." *Edukatif: Jurnal Ilmu*

Pendidikan 4(2):3011–24. *Edukatif: Jurnal Ilmu Pendidikan*.

Kalyani, D. L. K. (2024). The Role of Technology in Education: Enhancing Learning Outcomes and 21st Century Skills. *International Journal of Scientific Research in Modern Science and Technology*, 3(4), 05–10. <https://doi.org/10.59828/ijrmst.v3i4.199>

Khambayat, R. (2015). EMPLOYING ICT FOR PROFESSIONAL DEVELOPMENT OF NEXT GENERATION TEACHER EDUCATORS: AN INDIAN EXPERIENCE. In *INTED2015: 9TH INTERNATIONAL TECHNOLOGY, EDUCATION AND DEVELOPMENT CONFERENCE*.

Liu, M., Shi, Y., Pan, Z., Li, C. L., Pan, X., & Lopez, F. (2021). Examining middle school teachers' implementation of a technology-enriched problem-based learning program: Motivational factors, challenges, and strategies. *Journal of Research on Technology in Education*. <https://doi.org/10.1080/15391523.2020.1768183>

Lumban Gaol, C. A., & Simanjuntak, S. (2023). Analisis Kesulitan Guru Menerapkan Teknologi Dalam Proses Pembelajaran di SD Negeri 08 Bilah Hilir Labuhan Batu T.A 2022/2023. *Journal on Education*. <https://doi.org/10.31004/joe.v6i1.3267>

Maulana, M. I. (2021). Task-Based Language Teaching; Potential Benefits and Possible Criticisms in Indonesian Contexts. *Journal of English Teaching and Learning Issues*. <https://doi.org/10.21043/jetli.v4i2.12183>

Merta, L. W. S., Ratminingsih, N. M., & Budasi, I. G. (2023). The Integration of Technology in English Language Teaching to Stimulate Students' Critical Thinking. *Language Circle: Journal of Language and Literature*. <https://doi.org/10.15294/lc.v17i2.39097>

Mufron, A., Maharjan, K., Mark, E., & Xavier, E. (2024). The Impact of Technology Integration in Learning on Increasing Student Engagement. *Journal Emerging Technologies in Education*, 2(3), 254–266. <https://doi.org/10.70177/jete.v2i3.1070>

- Rifqiyah, F., & Nugraheni, N. (2023). Analisis Kesiapan Belajar Siswa untuk Pemenuhan Capaian Kurikulum Merdeka dengan Pembelajaran Berdiferensiasi. *Jurnal Riset Pendidikan Dasar (JRPD)*. <https://doi.org/10.30595/jrpd.v4i2.16052>
- Saad, N., & Sankaran, S. (2020). Technology Proficiency in Teaching and Facilitating. In *Oxford Research Encyclopedia of Education*. <https://doi.org/10.1093/acrefore/9780190264093.013.591>
- Suwastini, N. K. A., Puspawati, N. W. N., Adnyani, N. L. P. S., Dantes, G. R., & Rusnalasari, Z. D. (2021). Problem-based learning and 21st-century skills: Are they compatible? *EduLite: Journal of English Education, Literature and Culture*. <https://doi.org/10.30659/e.6.2.326-340>
- Talandron-Felipe, M. M. P. (2019). The Role of Technology Identity among Students in Rural Areas using a Web-based Tutoring System. *ICCE 2019 - 27th International Conference on Computers in Education, Proceedings, 1*, 194–196.
- Tanna, P., Lathigara, A., & Bhatt, N. (2022). Implementation of Problem Based Learning to Solve Real Life Problems. *Journal of Engineering Education Transformations*. <https://doi.org/10.16920/JEET/2022/V35IS1/22015>
- Untari, F. D., & Ni Nyoman Padmadewi. (2023). Technology-Based Project-Based Learning in Teaching Content Subjects in University: A Study of Need Analysis. *Jurnal Pendidikan Bahasa Inggris Undiksha*. <https://doi.org/10.23887/jpbi.v10i3.58364>
- Utami, A. S., Triutami, M., & Ningsih, P. H. (2023). Peran Media Pembelajaran dalam Meningkatkan Prestasi Belajar Peserta Didik di Kelas Rendah. *Jurnal Primagraha*, 4(1), 32–37.
- Wekerle, C., Daumiller, M., & Kollar, I. (2022). Using digital technology to promote higher education learning: The importance of different learning activities and their relations to learning outcomes. *Journal of Research on Technology in Education*. <https://doi.org/10.1080/15391523.2020.1799455>

Xiang, M. (2016). *A Review of Research on Virtual Simulation in Education and Teaching*. <https://doi.org/10.2991/icemse-16.2016.42>

