

DAFTAR PUSTAKA

Buku:

- Afiati, E., Conia, P. D., Rahmawati, & Khaerun, D. Y. (2022). Psikologi pendidikan dan bimbingan peserta didik. Serang: Untirta Press.
- Ajar, B., Metodologi, P., Bagi, P., Akuntansi, M., Wijayanti, R., Paramita, D., Rizal, M. M. N., Riza, C., & Sulistyan, B. (2021). *Metode Peneliitian Kuantitatif*.
- Ali, A. (2021). *Menguak teori hukum dan teori peradilan*. Jakarta: Kencana
- Arsyad, A. (2019). *Media pembelajaran* (Edisi revisi). Jakarta: PT Raja Grafindo Persada.
- Barrows, H. S., Robyn, M., & Tamblyn, N. (n.d.). " *I Problem-Based Learning An Approach to Medical Education*.
- Branch, R. M., & Dousay, T. A. (2020). *Survey of instructional design models*. Bloomington: Association for Educational Communications and Technology.
- Csikszentmihalyi, M. (2014). *Flow and the foundations of positive psychology*. New York: Springer.
- Fadilla, Z., Ketut Ngurah Ardiawan, M., Eka Sari Karimuddin Abdullah, M., Jannah Ummul Aiman, M., & Hasda, S. (2022). *Metodologi Penelitian Kuantitatif*. <http://penerbitzaini.com>
- Global Education Monitoring Report 2021/2: Non-state actors in education: Who chooses? Who loses?* (2021). UNESCO. <https://doi.org/10.54676/XJFS2343>
- Huang, R., Adarkwah, M. A., & Xu, L. (2024). Digital pedagogy framework for sustainable education. UNESCO.
- Isnawan. (2020). *Kuasi-Eksperimen*.
- Mayer, R. E. (2021). *Multimedia learning* (3rd ed.). Cambridge: Cambridge University Press.
- Sugiyono. (2022). *Metode Penelitian Kuantitatif, Kualitatif, Dan R&D*. Alfabeta, CV.

- Rahardjo, S. (2019). *Ilmu hukum*. Bandung: Citra Aditya Bakti.
- Schunk, D. H. (2020). *Learning theories: An educational perspective*. Pearson Education.
- Schunk, D. H. (2020). *Learning theories: An educational perspective* (8th ed.). New York: Pearson.
- Smaldino, S. E., Lowther, D. L., & Mims, C. (2019). *Instructional technology and media for learning* (12th ed.). New York: Pearson.
- Uno, H. B. (2018). Model pembelajaran: Menciptakan proses belajar mengajar yang kreatif dan efektif. Jakarta: Bumi Aksara.
- Zulyadaini. (2025). Belajar dan pembelajaran. Jambi: Universitas Batanghari Press.
- Uno, H. B. (2018). *Model pembelajaran: Menciptakan proses belajar mengajar yang kreatif dan efektif*. Bumi Aksara.

Jurnal:

- Murtiyasa, B., & Sari, N. K. P. M. (2022). Analisis Kemampuan Pemahaman Konsep Pada Materi Bilangan Berdasarkan Taksonomi Bloom. *AKSIOMA: Jurnal Program Studi Pendidikan Matematika*, 11(3), 2059. <https://doi.org/10.24127/ajpm.v11i3.5737>
- Ahmad, S., Umirzakova, S., Muftaba, G., Amin, M. S., & Whangbo, T. (2023). Education 5.0: Requirements, enabling technologies, and future directions. *Education Sciences Journal*.
- Deterding, S., Dixon, D., Khaled, R., & Nacke, L. (2019). From game design elements to gamefulness. *Proceedings of the International Academic Conference on Gamification*.
- Farhan Arib, M., Suci Rahayu, M., Sidorj, R. A., & Win Afgani, M. (2024). Experimental Research Dalam Penelitian Pendidikan. *Journal Of Social Science Research*, 4, 5497–5511.
- Feriansyah, R., & Titaley, J. (2025). Gamifikasi pembelajaran menggunakan Zep Quiz. *Jurnal Teknologi Pendidikan*, 14(1), 45–55.

- Fitria Afifah Husen, & Fitria Wulandari. (2025). Pengaruh Media Game Edukasi *Zep Quiz* terhadap Pemahaman Konsep IPA Siswa di Sekolah Dasar pada Materi Perubahan Wujud Benda. *JURNAL PENDIDIKAN MIPA*, 15(3), 940–947. <https://doi.org/10.37630/jpm.v15i3.3051>
- Hattie, J., & Timperley, H. (2019). The power of feedback revisited. *Educational Psychology Review*, 31(2), 1–25.
- Hikmah, N., & Hadi, S. (2025). Penggunaan *Zep Quiz* dalam pembelajaran IPAS. *Jurnal Pendidikan Dasar*, 9(1), 15–25.
- Hotimah, H. (2020). Penerapan model pembelajaran *Problem Based Learning* dalam meningkatkan kemampuan berpikir kritis siswa. *Jurnal Pendidikan dan Pembelajaran*, 7(2), 45–52.
- Krathwohl, D. R. (2019). Revising Bloom’s taxonomy. *Theory Into Practice Journal*, 41(4), 212–218.
- Loyens, S. M. M., Kirschner, P. A., & Paas, F. (2020). Problem-based learning: An overview. *Educational Psychology Review*, 32, 1–27.
- Luthfi, T., Puspita Sari, R., Sallsabila, I., Wahyudin, D., & Caturiasari, J. (2025). Peran Pendidikan Karakter Untuk Membentuk Karakteristik Peserta Didik Di Abad 21. *Jurnal Sinektik*, 8(1), 1–7. <https://doi.org/10.33061/js.v8i1.9169>
- Mystakidis, S. (2022). Metaverse in education. *Education Sciences*, 12(8), 486.
- Nicholus, G., Muwonge, C. M., & Joseph, N. (2023). The Role of Problem-Based Learning Approach in Teaching and Learning Physics: A Systematic Literature Review. *F1000Research*, 12, 951. <https://doi.org/10.12688/f1000research.136339.2>
- Noviana Aini. (2023). Pemanfaatan Media Dakwah Platform Digital di Era Generasi Z. *CBJIS: Cross-Border Journal of Islamic Studies*, 5(2). <https://doi.org/10.37567/cbjis.v5i2.3184>
- Putri, A. (2023). Pengaruh *Problem Based Learning* terhadap kesadaran hukum siswa. *Jurnal Pendidikan Kewarganegaraan*, 11(1), 22–30.
- Radianti, J., Majchrzak, T. A., Fromm, J., & Wohlgenannt, I. (2020). A systematic review of immersive virtual reality applications for higher education. *Education and Information Technologies*, 25, 1–38.

- Rahmawati, D., & Sutrisno. (2021). Analisis pemahaman konsep siswa dalam pembelajaran. *Jurnal Pendidikan dan Pembelajaran*, 10(2), 145–153.
- Savery, J. R. (2019). Comparative pedagogical models of problem-based learning. *Interdisciplinary Journal of Problem-Based Learning*, 13(2).
- Soekanto, S. (2014). *Kesadaran hukum dan kepatuhan hukum*. Jakarta: Rajawali Pers.
- Sofyan, H., & Komariah, K. (2019). Pembelajaran berbasis masalah dalam meningkatkan kemampuan berpikir kritis siswa. *Jurnal Pendidikan Teknologi dan Kejuruan*, 25(1), 87–94.
- Tokac, U., Novak, E., & Thompson, C. (2019). Effects of game-based learning on students' mathematics achievement. *Journal of Computer Assisted Learning*, 35(3), 407–420.
- Widhiyanto, W. (2023). Education transformation through digital pedagogy. Prosiding Seminar Nasional Pendidikan.
- Widodo, A., & Kadarwati, S. (2019). Higher order thinking skills in learning. *Jurnal Pendidikan Indonesia*, 8(2), 102–110.
- Yustina, Y., & Kapsin, K. (2021). Penerapan *Problem Based Learning* untuk meningkatkan hasil belajar siswa. *Jurnal Pendidikan Indonesia*, 10(1), 123–130.
- Ioannou, A. (2021). Mobile game-based learning in the era of “shifting to digital.” *Educational Technology Research and Development*, 69(1), 173–175. <https://doi.org/10.1007/s11423-021-09969-4>
- Rahmawati, D., & Sutrisno. (2021). Analisis pemahaman konsep siswa dalam pembelajaran. *Jurnal Pendidikan dan Pembelajaran*, 10(2), 145–153.
- Feriansyah, R., & Titaley, J. (2025). Gamifikasi pembelajaran menggunakan *Zep Quiz*. *Jurnal Teknologi Pendidikan*, 14(1), 45–55.
- Husen, F. A., & Wulandari, F. (2025). Pengaruh media game edukasi *Zep Quiz* terhadap pemahaman konsep IPA siswa di sekolah dasar pada materi perubahan wujud benda. *Jurnal Pendidikan MIPA*, 15(3), 940–947. <https://doi.org/10.37630/jpm.v15i3.3051>
- Sailer, M., & Homner, L. (2020). The Gamification of Learning: a Meta-analysis. *Educational Psychology Review*, 32(1), 77–112. <https://doi.org/10.1007/s10648-019-09498-w>

- Kim, J., & Castelli, D. M. (2021). Effects of gamification on behavioral change in education: A meta-analysis. In *International Journal of Environmental Research and Public Health* (Vol. 18, Number 7). MDPI AG. <https://doi.org/10.3390/ijerph18073550>
- Asrifah, S., Solihatin, E., Arif, A., Rusmono, & Iasha, V. (2020). Pengaruh model pembelajaran *Problem Based Learning* terhadap hasil belajar Pendidikan Pancasila dan Kewarganegaraan siswa kelas V SDN Pondok Pinang 05. *Buana Pendidikan: Jurnal Fakultas Keguruan dan Ilmu Pendidikan Unipa Surabaya*, 16(30), 183–193. doi:10.36456/bp.vol16.no30.a2719.
- Erdem, C. (2022). A comparative meta-analysis of the effects of problem-based learning model on K–12 students' cognitive outputs. *Educational Studies*, 50(6), 1498–1519. doi:10.1080/03055698.2022.2103650.
- Gui, Y., Cai, Z., Yang, Y., Kong, L., Fan, X., & Tai, R. H. (2023). Effectiveness of digital educational game and game design in STEM learning: A meta-analytic review. *International Journal of STEM Education*, 10, 36. doi:10.1186/s40594-023-00424-9.
- Handayani, R., & Murtiningsih, I. (2026). Penerapan media pembelajaran digital *Zep Quiz* dalam meningkatkan minat belajar peserta didik pada mata pelajaran Pendidikan Pancasila di SMAN 3 Sukoharjo. *Pendas: Jurnal Ilmiah Pendidikan Dasar*, 11(2). doi:10.23969/jp.v11i02.45355.
- Hillmayr, D., Ziernwald, L., Reinhold, F., Hofer, S. I., & Reiss, K. M. (2020). The potential of digital tools to enhance mathematics and science learning in secondary schools: A context-specific meta-analysis. *Computers & Education*, 153, 103897. doi:10.1016/j.compedu.2020.103897.
- Li, L., Hew, K. F., & Du, J. (2024). Gamification enhances student intrinsic motivation, perceptions of autonomy and relatedness, but minimal impact on competency: A meta-analysis and systematic review. *Educational Technology Research and Development*, 72, 765–796. doi:10.1007/s11423-023-10337-7.
- Liu, Y., & Pásztor, A. (2022). Effects of problem-based learning instructional intervention on critical thinking in higher education: A meta-analysis. *Thinking Skills and Creativity*, 45, 101069. doi:10.1016/j.tsc.2022.101069.
- Nurhayati, & Fathurrohman. (2025). Gamification in school education: A systematic review of its effectiveness in improving student motivation and academic outcomes. *AL-ISHLAH: Jurnal Pendidikan*, 17(2). doi:10.35445/alishlah.v17i2.6516.

Sailer, M., & Homner, L. (2020). The gamification of learning: A meta-analysis. *Educational Psychology Review*, 32, 77–112. doi:10.1007/s10648-019-09498-w.

Sari, C. N., Sutini, & Prasetyo, A. (2025). Gamify your learning: Pengaruh Zep Quiz sebagai digital learning media terhadap hasil belajar matematika siswa UPT SMPN 2 Gresik. *De Fermat: Jurnal Pendidikan Matematika*, 8(2), 464–472. doi:10.36277/deferat.v8i2.2327.

Uluçınar, U. (2023). The effect of problem-based learning in science education on academic achievement: A meta-analytical study. *Science Education International*, 34(2), 72–85. doi:10.33828/sei.v34.i2.1.

Artikel:

Prensky, M. (2001). *Digital game-based learning*. New York: McGraw-Hill.

Slavin, R. E. (2019). *Educational psychology: Theory and practice* (12th ed.). Boston: Pearson Education.

Digital equity and inclusion in education. (2023).
https://doi.org/10.1787/7cb15030-en

Web:

Anderson, L. W., & Krathwohl, D. R. (2001). *A taxonomy for learning, teaching, and assessing*. New York: Longman.

Kementrian Hukum dan HAM. (2024). *Laporan_IPH_Tahun_2022_-_Cetakan_MEI_2024*.

ZEP. (2023). *ZEP official platform documentation*. Retrieved from <https://zep.us>.

Badan Pusat Statistik. (2023). *Statistik kriminal 2023*.

Peraturan perundang-undangan:

Undang-Undang Republik Indonesia Nomor 24 Tahun 2003 Tentang Mahkamah Konstitusi. (N.D.). Retrieved www.hukumonline.com