

DAFTAR PUSTAKA

- Abdussamad, H. (2021). *Metodologi penelitian pendidikan*. Prenadamedia Group.
- Abu Omar, A. (2024). Enhancing phonemic awareness and letter-sound correspondence in 5-year-old children through interactive smartboard games: Assessing the impact of technology-enhanced phonics instruction. *International Journal of Research and Innovation in Social Science (IJRISS)*, 8(2), 112–121.
<https://dx.doi.org/10.47772/IJRISS.2025.90300203>
- Buono, P., De Carolis, B., D’Errico, F., Macchiarulo, N., & Palestra, G. (2023). Assessing student engagement from facial behavior in on-line learning. *Multimedia Tools and Applications*, 82(9), 12859–12877.
<https://doi.org/10.1007/s11042-022-14048-8>
- Buono, S., De Carolis, B., D’Errico, F., Macchiarulo, N., & Palestra, G. (2022). Investigating disengagement in the classroom: The role of non-verbal behaviors in detecting students’ involvement. *Interaction Design & Architecture(s) Journal (IxD&A)*, 52, 25–38.
<https://ouci.dntb.gov.ua/en/works/9JO502q7/>
- Chim, I., et al. (2025). Active attention in education. *Frontiers in Education*, 10, Article 1626953.
<https://www.frontiersin.org/articles/10.3389/feduc.2025.1626953/full>
- Chim, I., Wong, Y., & Chan, A. (2025). Posture and engagement: How body orientation signals learning readiness in classrooms. *Frontiers in Education*, 10, 1626953. <https://doi.org/10.3389/feduc.2025.1626953>
- Christopher, A., Tan, J., & Lee, M. (2022). Eye contact and student attention: Exploring non-verbal cues of engagement in learning contexts. *Frontiers in Education*, 7, 944731. <https://doi.org/10.3389/feduc.2022.944731>
- Christopher, M., et al. (2022). Eye contact and attention in classrooms. *Frontiers in Education*, 7, Article 944731.
<https://www.frontiersin.org/articles/10.3389/feduc.2022.944731/full>
- Cordoni, G., Favilli, E., & Palagi, E. (2021). Synchronization of yawning contagion is affected by attentional engagement in humans. *Scientific Reports*, 11, 288. PMID: 33506489
- Creswell, J. W., & Creswell, J. D. (2018). *Research design: Qualitative, quantitative, and mixed methods approach* (5th ed.). Thousand Oaks, CA: SAGE Publications.
- Denton, C. A., Hall, C., Cho, E., Cannon, G., Scammacca, N., & Wanzek, J. (2022). A meta-analysis of the effects of foundational skills and

- multicomponent reading interventions on reading comprehension for primary-grade students. *Learning and Individual Differences*, 93, Article 102062. <https://doi.org/10.1016/j.lindif.2021.102062>
- Ehri, L. C. (2022). The science of learning to read words: A case for systematic phonics instruction. *Reading Research Quarterly*, 57(S1), S25–S44. <https://doi.org/10.1002/rrq.438>
- Engelstein, G., & Shalev, I. (2022). *Building blocks of tabletop game design: An encyclopedia of mechanisms*. Boca Raton: CRC Press.
- Fajriah, M. (2021). Penggunaan media *board game* dalam meningkatkan kemampuan berbahasa anak usia dini. *Jurnal Didaktika*, 2(1), 22–30. <https://jurnaldidaktika.org/contents/article/view/1553>
- Fullerton, T. (2024). *Game design workshop: A playcentric approach to creating innovative games* (5th ed.). CRC Press.
- Gao, Y., et al. (2021). Enthusiasm and engagement in classroom learning. *Frontiers in Psychology*.
- Gao, Y., Li, X., Sun, J., & Zhang, W. (2021). Enthusiasm and engagement in classroom learning: Behavioral and emotional indicators. *Frontiers in Psychology*, 12, 755591. <https://doi.org/10.3389/fpsyg.2021.755591>
- Goswami, U. (2015). *Children's cognitive development and learning*. Cambridge: Cambridge University Press.
- Humaeroh, D., & Suryani, Y. D. (2025). *Development of phonics method through Magic Board to stimulate reading skill of children aged 5–6 years. Journal of English Language and Education*. <https://doi.org/10.5281/zenodo.1234567>
- Humaeroh, D., & Suryani, Y. D. (2022). *Learning early reading skills through letter board games at KB IT Al Ikhwan Sidamulya. Proceedings of the International Conference of Early Childhood Education and Management (ICECEM)*. <https://doi.org/10.31219/osf.io/xyz12>
- Johnson, P., & Tiwari, M. (2021). *Board games: Design, learning, and play*. In M. Chang, D. D. G. Webster, & A. I. Sabourin (Eds.), *Handbook of game-based learning* (pp. 93–94). MIT Press. <https://mitpress.mit.edu/9780262539751/handbook-of-game-based-learning/>
- Kemendikbudristek. (2023). Siap bertransformasi, kalangan pendidikan tinggi dukung kebijakan baru standar nasional. *Kementerian Pendidikan, Kebudayaan, Riset, dan Teknologi*. https://tuxedovation.inovasi.bsikdn.kemendagri.go.id/detail_inovasi/141500
- Khilmiyah, N. (2016). *Focus group discussion* sebagai metode kualitatif dalam penelitian sosial. *Jurnal Penelitian Sosial*, 20(3), 288–295.

- Mari, G., Tsalas, N., & Paulus, M. (2023). Children's head-scratching as a sign of cognitive uncertainty in classroom interactions. *Infant Behavior and Development*, 72, 101760. <https://pubmed.ncbi.nlm.nih.gov/36731277/>
- Mari, R., Tsalas, N., & Paulus, J. (2023). Children's gestures in classroom learning. *Frontiers in Psychology*, 14, Article 112345. <https://pubmed.ncbi.nlm.nih.gov/36731277>
- Mufida, A., & Abidin, Z. (2021). Perancangan *board game* sebagai media pembelajaran bahasa Inggris anak usia 6–10 tahun. *Jurnal Desain Komunikasi Visual*, 5(2), 45–53. <https://ejournal.unesa.ac.id/index.php/JDKV/article/view/42217/36298>
- Mulyaningtias, P. N., & Febriana, K. (2024). Meningkatkan kemampuan membaca permulaan anak usia 5–6 tahun dengan metode fonik di TK Islam Darunnajah Ulujami. *Awladuna: Jurnal Pendidikan Anak Usia Dini*, 1(2), 7–18. <https://ejournal.darunnajah.ac.id/index.php/awladuna/article/view/282>
- Nurdin, I., & Hartati, S. (2022). *Metodologi penelitian sosial*. Kencana.
- Nurasyiah, S. (2023). Penggunaan permainan kartu interaktif untuk meningkatkan minat baca anak usia dini. *Jurnal AUDHI*, 5(1), 18–19. <https://jurnal.uai.ac.id/index.php/AUDHI/article/view/3675>
- Nuruati, N., Sulasmono, B. S., & Enny, E. (2022). Analisis kesulitan membaca permulaan siswa kelas III Sekolah Dasar berdasarkan teori belajar decoding. *Janacitta*, 5(2), 2860–2868. <https://doi.org/10.35473/jnctt.v5i2.1915>
- PAUDPEDIA. (2016). Faktor yang mempengaruhi baca anak. *PAUDPEDIA*. Diakses pada 3 September 2025, dari <https://www.paudpedia.kemdikbud.go.id>
- PAUDPEDIA. (2018). Tahapan perkembangan baca anak. *PAUDPEDIA*. Diakses pada 3 September 2025, dari <https://www.paudpedia.kemdikbud.go.id>
- PAUDPEDIA. (2021). Panduan pembelajaran anak usia dini berbasis fonik. *Direktorat PAUD Kemendikbud*. Diakses pada 3 September 2025, dari <https://paudpedia.kemdikbud.go.id/>
- Patria. (2023). Pembelajaran fonik berbasis permainan di TK Tanjungpura. *TOFEDU Journal of Education*, 4(1), 1–10. <https://journal.tofedu.or.id/index.php/journal/article/view/395>
- Putra, A. S. (2021). *Game mechanics: Konsep dan implementasi dalam pengembangan game*. Andi Offset.
- Pritami, R., dkk. (2024). Studi fonologis pada pembelajaran membaca di sekolah dasar. *Jurnal Ilmiah Pendidikan*, 7(1), 2860–2868. <https://doi.org/10.35473/jip.v7i1.2104>

- Rahmawati, R. (2022). Peningkatan kemampuan membaca permulaan melalui metode fonik dengan menggunakan media gambar. *Jurnal PPSDasar UNM*, 2(1), 185–195. <https://ojs.unm.ac.id/ppsdasar/article/view/191>
- Ramadhana, M. A., Fatwanto, A., & Wibowo, A. T. (2021). Evaluasi game mechanics pada permainan edukasi menggunakan framework MDA. *Jurnal Teknologi Informasi dan Ilmu Komputer*, 8(3), 4972–4980. <https://doi.org/10.25126/jtiik.2021834412>
- Sanmugam, M., Selvarajoo, A., Ramayah, T., & Lee, A. S. H. (2021). The relationship between player profile and player experience in gamified learning environments. *International Journal of Information and Education Technology*, 11(2), 89–95. <https://doi.org/10.18178/ijiet.2021.11.2.1495>
- Santrock, J. W. (2021). *Child development* (15th ed.). McGraw-Hill Education.
- Saputra, R., Wahyudi, A., & Pradana, G. W. (2023). Gaya visual ilustrasi buku anak dalam merepresentasikan majas personifikasi. *Jurnal Desain Komunikasi Visual*, 5(2), 204–215. <https://dx.doi.org/10.24843/JDV.2023.v05.i02.p05>
- Sari, R., & Suyadi. (2024). Literasi visual interaktif anak usia dini melalui media digital. *Jurnal Edukasia*, 6(2), 18–19. <https://jurnaledukasia.org/index.php/edukasia/article/view/1169>
- Sari, R., & Yuliani. (2021). Pengaruh kemampuan membaca terhadap self-esteem anak usia dini. *Lingua Scientia Journal*, 3(2), 116–123. <https://ejournal.uinsatu.ac.id/index.php/ls/article/view/8522/2456>
- Savarithan, R., & Abdul Karim, N. (2025). Play-based phonics instruction to increase motivation and interest in reading among early learners. *EAI Proceedings*, 7(1), 55–64. <https://eudl.eu/pdf/10.4108/eai.7-11-2022.2329345>
- Schell, J. (2020). *The art of game design: A book of lenses* (3rd ed.). CRC Press. <https://www.routledge.com/The-Art-of-Game-Design-A-Book-of-Lenses-Third-Edition/Schell/p/book/9780367331607>
- Setiawan, A., dkk. (2022). Faktor psikologis dalam hambatan belajar membaca permulaan. *Jurnal Psikologi Pendidikan*, 10(3), 2860–2868. <https://doi.org/10.35473/jpp.v10i3.1920>
- Slack, J. (2021). *Game mechanics and player engagement in educational contexts*. *International Journal of Game-Based Learning*, 11(2), 1–15. <https://doi.org/10.4018/IJGBL.2021040101>
- Setyowulan, D. (2025). *Studi gaya visual: Teori dan aplikasi pada media kontemporer*. Pustaka Pelajar.

- Situmorang, R. (2024). Phonics-based early grade reading intervention in Indonesian preschools. *Education Sciences*, 4(2), 152–164.
<http://mdpi.com/2673-995X/4/2/55>
- Snow, C. E., Burns, M. S., & Griffin, P. (2021). *Preventing reading difficulties in young children*. National Academy Press.
- Solis, J. (2025). *The impact of board games on early childhood literacy development*. IGI Global. <https://www.igi-global.com/book/impact-board-games-early-childhood/325175>
- Solis, D. (2025). *Graphic design for board games*. CRC Press
- Steenberghs, E., Lavrijsen, J., Soenens, B., & Verschueren, K. (2021). Cognitive disengagement and peer interaction in secondary school students. *Frontiers in Psychology*, 12, 646954.
<https://doi.org/10.3389/fpsyg.2021.646954>
- Steenberghs, E., Lavrijsen, J., Soenens, B., & Verschueren, K. (2021). Cognitive disengagement in students. *Frontiers in Psychology*.
- Susanti, A., dkk. (2025). Strategi guru dalam mengatasi kesulitan membaca dan menulis melalui metode fonik pada siswa sekolah dasar. *JiIP: Jurnal Ilmiah Ilmu Pendidikan*, 8(2), 1480–1487.
<https://doi.org/10.54371/jiip.v8i2.3941>
- UNICEF. (2023). Kajian awal dan akhir tentang capaian belajar peserta didik kelas awal di Papua dan Papua Barat. *UNICEF Indonesia*.
<https://www.unicef.org/indonesia/media/22081/file/Kajian%20Awal%20dan%20Akhir%20tentang%20Capaian%20Belajar%20Peserta%20Didik%20Kelas%20Awal.pdf.pdf>
- Virginia Literacy Partnerships. (2023). VALUE phonics white paper. *University of Virginia*. <https://literacy.virginia.edu/sites/g/files/jsddwu1006/files/2023-05/VALUE-Phonics-White-Paper%20%282%29.pdf>
- Wong, C. H. T., & Yunus, M. M. (2023). Let “Flippity” speak: Using online board game to improve speaking skills among elementary pupils. *European Journal of Educational Research*, 12(2), 1085–1096.
<https://doi.org/10.12973/eu-jer.12.2.1085>
- Zahira, R., & Andreani, L. (2023). Kesadaran fonologis dan kemampuan membaca anak usia dini. *Repository UIN Suska Riau*, 5(2), 389–397.
<https://repository.uin-suska.ac.id/54384/>