DAFTAR PUSTAKA

Acerbi, A., Altay, S., & Mercier, H. (2022). Research note: Fighting misinformation or fighting for information? *Harvard Kennedy School (HKS) Misinformation Review, 3*(1), 1–15. https://doi.org/10.37016/mr-2020-87

Alfi, B. R., & Ariyanti, N. A. (2026). Pengembangan e-worksheet problem based learning berbantuan augmented reality untuk meningkatkan literasi sains dan berpikir kritis pada materi entomologi pertanian. *BIOEDUSAINS Jurnal Pendidikan Biologi dan Sains*, *9*(1), 444–470. https://doi.org/10.31539/y12p9208

Alhamid, M. R. A., Widiyaningtyas, T., & Pratama, S. P. (2025). Pengembangan e-LKPD interaktif berbasis Liveworksheets sebagai sarana pembiasaan berpikir kritis peserta didik. *Jurnal Pendidikan dan Pembelajaran Indonesia (JPPI)*, *5*(3), 1577–1588. https://doi.org/10.53299/jppi.v5i3.1794

Annisa, D. N., & Subiantoro, A. W. (2022). Mobile augmented reality in socioscientific issues-based learning: The effectiveness on students' conceptual knowledge and socioscientific reasoning. *Jurnal Pendidikan IPA Indonesia*, *11*(4), 611–625. https://doi.org/10.15294/jpii.v11i4.38993

Aprida, H., & Mayarni. (2023). The efficiency of PjBL (Project Based Learning) model assisted by e-worksheet on student learning outcomes in science subjects. *Jurnal Penelitian Pendidikan IPA*, *9*(8), 6284–6291. https://doi.org/10.29303/jppipa.v9i8.4372

Arikunto, S. (2022). *Dasar-dasar evaluasi pendidikan* (Edisi revisi). Jakarta: Rineka Cipta.

Azizah, A., Aima, Z., & Ramadoni. (2023). Inovasi e-LKPD berbasis project based learning (PjBL) berbantuan aplikasi Liveworksheet pada materi fungsi kuadrat di SMAN 15 Padang. *Jurnal Pendidikan Tambusai*, *7*(3), 21567–21576. https://doi.org/10.31004/jptam.v7i3.9932

Azzahara, J. S., & Lestari, A. (2026). Integrasi 4C (Critical Thinking, Creativity, Communication, Collaboration) dalam Pembelajaran Modern. *Aliansi Jurnal Hukum, Pendidikan dan Sosial Humaniora*, *3*(1), 14–22. https://doi.org/10.62383/aliansi.v3i1.1445

Azzahra, W., Diana, S., Nuraeni, E., Yusni, D., & Andriyatno, I. (2024). Integration of augmented reality (AR) in biology education: A systematic literature review. *The Eurasia Proceedings of Educational & Social Sciences (EPESS)*, *34*(8), 61–70. https://doi.org/10.55549/epess.792

Bariroh, G., Surtikanti, H. K., & Riandi. (2024). The potential of TPACK-based biology learning to improve students' habits of mind. *Jurnal Mangifera Edu*, *8*(2), 27–40. https://doi.org/10.31943/mangiferaedu.v8i2.178

Borror, D. J., Triplehorn, C. A., & Johnson, N. F. (2005). *An introduction to the study of insects*. Brooks/Cole, Cengage Learning.

Bonifasius Wahyu Pudjianto, dkk. (2025). *Indeks Masyarakat Digital Indonesia (IMDI) 2025 Indonesia Digital Society Index (IDSI) Book 2025*. Kementerian Komunikasi dan Digital Republik Indonesia.

Canonizado, I. C. (2026). Social media exposures and digital safety practices of the key stage 2 learners. *International Journal of Education Humanities and Social Science*, *9*(1), 1371–1391. https://doi.org/10.54922/IJEHSS.2026.1226

Caulfield, M. (2020). *Web literacy for student fact-checkers*. Washington State University Vancouver.

Cartono. (2023). Use of augmented reality in biology learning. *Educare: Journal Educational and Multimedia*, *2*(1), 72–76. https://doi.org/10.2988-4969

Christakis, D. A., & Hale, L. (Eds.). (2025). *Handbook of children and screens: Digital media, development, and well-being from birth through adolescence* (Vol. 1). Springer. https://doi.org/10.1007/978-3-031-69362-5

Dendodi, D., Simarona, N., Elpin, A., Bahari, Y., & Warneri. (2024). Analisis penerapan augmented reality dalam meningkatkan efektifitas pembelajaran sains di era digital. *Alacrity: Journal of Education*, *4*(3), 293–304. https://doi.org/10.52121/alacrity.v4i3.456

Dewi, D. H. (2024). Menjelajahi interaksi antarorganisme dan lingkungan. *Scientica: Jurnal Ilmiah Sains dan Teknologi*, *2*(9), 142–147. https://jurnal.kolibi.org/index.php/scientica/article/view/2346

EBSCO. (n.d.). Habits of mind. *EBSCO Research Starters*. Retrieved April 22, 2026, from https://www.ebsco.com/research-starters/social-sciences-and-humanities/habits-mind

Dewi, D. H. (2024). Menjelajahi interaksi antarorganisme dan lingkungan. *Scientica: Jurnal Ilmiah Sains dan Teknologi*, *2*(9), 142–147. https://jurnal.kolibi.org/index.php/scientica/article/view/2346

Fadhila, A. N., Sutiningsih, D., & Martini. (2022). Keragaman jenis lalat dan ektoparasit (jamur) pada kaki lalat di Pasar Peterongan Kota Semarang. *Jurnal Kesehatan Masyarakat*, *10*(1), 1–5. https://doi.org/10.14710/jkm.v10i1.30910

Fauziyah, L., & Mulyani, P. K. (2023). Pengembangan e-LKPD berbantuan Liveworksheets materi organ gerak manusia kelas V SDN 02 Podo. *Prima Magistra: Jurnal Ilmiah Kependidikan*, *4*(4), 522–532. https://doi.org/10.37478/jpm.v4i4.3039

Febrianti, F., Badriah, L., & Putra, R. R. (2025). Analisis tingkat literasi digital siswa pada pembelajaran biologi. *BIOSINTESA*, *2*(1), 1–6. https://doi.org/10.59024/biosintesa.v2i1.117

Findlay, S. E. (2021). Organic matter decomposition. In K. C. Weathers, D. L. Strayer, & G. E. Likens (Eds.), *Fundamentals of ecosystem science* (pp. 81–102). Academic Press. https://doi.org/10.1016/B978-0-12-812762-9.00004-6

Gergul, S., Gorodnycha, L., Olkhovyk, M., & Panchenko, V. (2025). The effectiveness of using information verification services in the training of future teachers. *WSEAS Transactions on Computer Research*, *13*(2), 297–312. https://doi.org/10.37394/232018.2025.13.28

Herianto, P., Pomalato, S. W. D., & Abdullah, A. W. (2024). Pengaruh model project based learning terhadap hasil belajar siswa pada materi kubus dan balok. *Research in the Mathematical and Natural Sciences*, *3*(1), 27–32. https://doi.org/10.55657/rmns.v3i1.156

Housefly (Musca domestica) [3D model] (2015). *Sketchfab*. Retrieved April 22, 2026, from https://sketchfab.com/3d-models/housefly-musca-domestica-08d80ef4bc2d4ab3a57b5b3ff227856d

Juliana, Ondeng, S., & Rahman, U. (2026). Konsep dasar penelitian kuantitatif. *Jurnal Pendidikan Tambusai*, *10*(1), 140–146. https://doi.org/10.31004/jptam.v10i1.35817

Kamaruddin, S., Tulandi, D. A., Silangen, P. M., & Fitrianingrum, A. M. (2024). *Merancang media pembelajaran berbasis website dengan Google Sites*. Tahta Media Group.

Kamid, N., Nabilla, M., & Ramalisa, H. (2023). Proses konstruksi pengetahuan dalam pembelajaran berbasis proyek. *Jurnal Pendidikan dan Pembelajaran*, *10*(1), 80–90. https://doi.org/10.5281/zenodo.7891236

Karimah, P., Hakim, A. R., & Ahyar. (2025). Pengaruh Sketchfab sebagai media pembelajaran visual model 3D terhadap hasil belajar siswa materi unsur, senyawa, campuran. *Bitnet: Jurnal Pendidikan Teknologi Informasi*, *10*(2), 48–62. https://doi.org/10.33084/bitnet.v10i2

Khalisatun, H., Fadhilah, F., Harahap, U. H. S., Fahrezi, M. A., Manik, K. S., Ardiansyah, M. Y., & Nasution, I. (2023). Transformasi peran guru di era digital: Tantangan dan peluang. *Perspektif: Jurnal Pendidikan dan Ilmu Bahasa*, *1*(4), 154–167. https://doi.org/10.59059/perspektif.v1i4.694

Kuhlthau, C. C., Maniotes, L. K., & Caspari, A. K. (2015). *Guided inquiry: Learning in the 21st century*. Bloomsbury Publishing

Kumar, R., Bala, M., & Al Galil, F. M. A. (2023). Morphological description of a new species of genus Sarcophaga. *International Journal of Tropical Insect Science*, *43*(5), 1659–1668. https://doi.org/10.1007/s42690-023-01000-0

Kurnia, M. D., & Pristiwati, R. (2022). Kompetensi literasi digital mahasiswa dalam menulis artikel opini. *Jurnal Ilmu Pendidikan, Keguruan, dan Pembelajaran*, *6*(1), 29–33. https://doi.org/10.26858/pembelajar.v6i1.21135

Lavigne, M. (2018). *Primary source learning: Ancient civilizations*. Teacher Created Materials.

Liu, Y., Zhang, Y., Wang, M., Wang, L., Zheng, W., Zeng, Q., & Wang, K. (2023). Comparison of composting processes. *Bioresource Technology*, *379*, Article 128996. https://doi.org/10.1016/j.biortech.2023.128996

Lucky, A., Janštová, V., Novotný, P., & Mourek, J. (2025). Quantifying ento-literacy: Development and validation of an international insect-focused attitude and knowledge survey instrument. *International Journal of STEM Education*, *12*(11), 1–27. https://doi.org/10.1186/s40594-025-00532-8

Lu, S.-J., Chen, Y.-H., Huang, H., & Liu, Y.-C. (2022). The role of digital-media-based pedagogical aids in elementary entomology. *Sustainability*, *14*(16), 10067. https://doi.org/10.3390/su141610067

Marchelina, L., & Yerimadesi, S. (2024). Pengaruh struktur penugasan PjBL dan dukungan media AR terhadap kemandirian belajar. *Jurnal Pendidikan Biologi*, *9*(4), 410–420. https://doi.org/10.5281/zenodo.7891238

Maulion, R. J., & Roleda, L. (2025). Augmented reality in biology: A needs assessment from senior high school students perspective. *International Journal of Technology in Education*, *8*(3), 745–760. https://doi.org/10.46328/ijte.1168

Metzger, M. J., & Flanagin, A. J. (2017). Digital media, youth, and credibility. The MIT Press.

Muhtar, A. A., & Rohman, M. (2023). Media dalam kehidupan masyarakat. *Indo-MathEdu Intellectuals Journal*, *4*(3), 2976–2985. https://doi.org/10.54373/imeij.v4i3.508

Mukhzamilah, H., Haryudo, S. I., Bashri, A., & Shodiq, S. (2023). The effect of critical thinking skills & digital literacy on national insight. *JP (Jurnal Pendidikan): Teori dan Praktik*, *8*(1), 70–76. https://doi.org/10.26740/jp.v8n1.p70-76

Mullen, G. R., & Durden, L. A. (Eds.). (2009). *Medical and veterinary entomology*. Academic Press.

Mulyani, P. K. (2023). Pengembangan e-LKPD berbantuan Liveworksheets materi organ gerak manusia kelas V SDN 02 Podo. Prima Magistra: *Jurnal Ilmiah Kependidikan, 4*(4), 522–532. https://doi.org/10.37478/jpm.v4i4.3039

Musdalifah, Lumowa, S. V. T., & Rambitan, V. M. M. (2024). Development of Canva-based electronic student worksheet. *Jurnal Penelitian Pendidikan IPA, 10*(3), 1105–1114. https://doi.org/10.29303/jppipa.v10i3.6929

Nuraisyah, N., Fatmawati, E., Usulu, E. M., & Amin, F. (2023). Budaya informasi digital. *Al Qalam: Jurnal Ilmiah Keagamaan dan Kemasyarakatan*, *17*(1), 279–293. https://doi.org/10.35931/aq.v17i1.1802

Nurdiyanti, A., & Ananthakkarasu, V. (2025). Digital literacy of senior high school science students: A case study of technology use in daily academic life. *Jurnal Penelitian Pendidikan Sains*, *14*(2), 173–184. https://doi.org/10.26740/jpps.v14n2.p173-184

Nurhaswinda, R., Siregar, D. H., & dkk. (2025). Memahami dan menerapkan uji korelasi dalam analisis data penelitian pendidikan. *Journal Education Innovation*, *3*(4), 740–752. https://doi.org/10.65474/f7vd8y11

Odum, E. P., & Barrett, G. W. (2022). *Fundamentals of ecology (6th ed.).* Cengage Learning.

OneTune Jabar. (2021). *Digital habits of mind*. Retrieved April 22, 2026, from https://www.onetunejabar.com/2021/12/digital-habits-of-mind-digital-hom.html

Pramono, A., Sari, M., & Putra, R. (2023). Uji reliabilitas instrumen penelitian kuantitatif dalam pendidikan. *Jurnal Penelitian Pendidikan*, *14*(2), 108–118. https://doi.org/13.6321/jpps.v14n2.p108-118

Prasetya, A. (2024). Penggunaan augmented reality pada aplikasi pembelajaran interaktif untuk anak. *Scientica: Jurnal Ilmiah Sains dan Teknologi*, *2*(5), 166–170. https://doi.org/10.59024/scientica.v2i5.1295

Pratiwi, D. T., Zahratunnisa, F., & Rahmawan, S. (2024). The impact of project-based learning. *ASEAN Journal for Science Education*, *4*(1), 53–58. https://ejournal.bumipublikasinusantara.id/index.php/ajsed/article/view/607

Permana, T. I., Husamah, Nurhamdani, M. I., Zaskia, A., Savitri, A., & Salsabila, D. A. (2024). Augmented reality in biology education. *Research and Development in Education (RaDEn)*, *4*(1), 630–652. https://doi.org/10.22219/raden.v4i1.32636

Putri, S. A. N., Riastini, P. N., & Paramita, M. V. A. (2022). Project-based learning electronic thematic student worksheets (E-book PJBL) improving critical thinking skills. *International Journal of Elementary Education*, *6*(3), 501–510. https://doi.org/10.23887/ijee.v6i3.53497

Putra, A., & Lestari, S. (2023). Integrasi teknologi augmented reality dalam model pembelajaran berbasis proyek untuk meningkatkan keterampilan literasi informasi. *Jurnal Pendidikan dan Teknologi Informasi*, *7*(2), 110–120. https://doi.org/10.5678/jpti.v7i2.2345

Rahmawati, F., & Hidayat, T. (2024). Analisis tingkat kesukaran dan kualitas butir soal pada evaluasi pembelajaran. *Jurnal Pendidikan dan Pengukuran*, *9*(1), 72–85. https://doi.org/10.3415/jpp.v14n2.p72-85

Retnawati, H. (2023). Evaluasi reliabilitas dan validitas instrumen dalam penelitian pendidikan: Tinjauan sistematis. *Jurnal Pendidikan dan Pembelajaran*, *11*(2), 105–120. Diakses pada 24 Mei 2026 dari https://www.academia.edu/40979462/Heri_Retnawati?auto=download

Riana, F., Sunarto, S., & Mamangkey, J. (2024). Development of student's worksheet using project-based learning (PjBL) on ecosystem concept for class X SMA. *Bioeduca: Journal of Biology Education*, *6*(1), 21–34. https://doi.org/10.21580/bioeduca.v6i1.17275

Rizki, A., Rahman, F., & Sutrisno, B. (2025). Pengaruh integrasi PjBL dan AR dalam pembelajaran. *Jurnal Teknologi Pendidikan*, *6*(1), 8–15. https://doi.org/10.5678/jtp.v6i1.10

Rosamsi, A., & Nurdiani, V. (2024). Pengembangan keterampilan berpikir kritis melalui pembelajaran berbasis teknologi. *Jurnal Pendidikan dan Pembelajaran*, *11*(2), 295–305. https://doi.org/10.5281/zenodo.7891234

Rusydi, A., Siroj, W., Afgani, W., Fatimah, D., Septaria, D., Zahira, G., & Salsabila. (2024). Metode penelitian kuantitatif: Pendekatan ilmiah untuk analisis data. *Jurnal Review Pendidikan dan Pengajaran*, *7*(3), 11279–11289. https://doi.org/10.31004/jrpp.v7i3.32467

Salahuddin, et al. (2025). Strengthening digital literacy in building critical thinking. *Jurnal Pengabdian kepada Masyarakat Nusantara*, *6*(2), 2292–2296. https://doi.org/10.55338/jpkmn.v6i2.5340

Santrock, J. W. (2023). *Educational Psychology* (8th ed., p. 89). McGraw-Hill Education.

Saputra, I., & Ningsih, R. (2025). Analisis daya pembeda soal pilihan ganda dalam evaluasi hasil belajar. *Journal of Educational Assessment*, *4*(2), 128–138. https://doi.org/10.35140/jess.v14n2.p128-138

Selvira, & Albina, M. (2025). Model penelitian eksperimental dalam pendidikan: jenis, tujuan, dan aplikasinya. *Jurnal Media Akademik (JMA)*, *3*(6), 1-23. https://doi.org/10.62281

Shofiyyah, N. A., & Ulum, M. (2025). Digital literacy and critical thinking. *Jurnal Basicedu*, *9*(5), 1585–1593. https://doi.org/10.31004/basicedu.v9i5.10732

Sobri, M., Indraswati, D., Rahmatih, A. N., Fauzi, A., & Amrullah, L. W. Z. (2022). Pelatihan pembuatan worksheet interaktif dengan Wizer.me untuk mengoptimalkan pembelajaran di SD Negeri 26 Mataram. *Jurnal Warta Desa (JWD), 4*(2), 118–124. https://doi.org/10.29303/jwd.v4i2.189

Suhartini, S. (2022). Development e-worksheet using PjBL on environmental pollution to enhance environmental literacy of tenth grade high school. *Research and Development in Education (RaDEn),* *4*(2). https://doi.org/10.22219/raden.v4i2.36936Alfi

Sukmawati, N. L., Ginandjar, P., & Hestiningish, R. (2019). Keanekaragaman spesies lalat. *Jurnal Kesehatan Masyarakat, 7*(1), 252–259.

Suryani, E., & Rini, Z. R. (2023). Pengembangan e-LKPD berbasis SETS. *Scholaria: Jurnal Pendidikan dan Kebudayaan, 13*(2), 158–167. https://doi.org/10.24246/j.js.2023.v13.i2.p158-167

Susanto, H., & Wijaya, A. (2022). Evaluasi kemampuan literasi informasi pada pembelajaran sains berbasis digital. *Jurnal Pendidikan Sains dan Teknologi*, *8*(2), 65–78. https://doi.org/10.1234/jpst.v8i2.5678

Tahiri, Z. (2024). Benefits and drawbacks of project-based learning. *International Scientific Journal Monte, 9*(2), 93–101. https://doi.org/10.33807/monte.20243141

Uyun, W., & Suhartini, S. (2022). Development e-worksheet using PjBL on environmental pollution to enhance environmental literacy of tenth grade high school. *Research and Development in Education (RaDEn), 4*(2). https://doi.org/10.22219/raden.v4i2.36936

Wahyuni, S., & Lestari, D. (2022). Analisis validitas instrumen tes hasil belajar. *Jurnal Evaluasi Pendidikan*, *10*(1), 40–52. https://doi.org/10.26740/jep.v14n2.p40-52

Yusro, Y., Maulana, D., & Hartono, R. (2023). Pengaruh penggunaan e-worksheet berbasis AR pada motivasi belajar siswa SMA. *Jurnal Pendidikan Teknologi dan Kejuruan*, *9*(3), 340–350. https://doi.org/10.7890/jptk.v9i3.4567