

DAFTAR PUSTAKA

- Amaliyah, D. I., Purwoko, R. Y., Kurniawan, H., & Wibowo, T. (2023). Pengembangan Modul Ajar Berbasis Problem Based Learning Dalam Bentuk Flipbook Untuk Meningkatkan Kemampuan Berpikir Kritis. *JP2M (Jurnal Pendidikan dan Pembelajaran Matematika)*, 9(2), 293–304. <https://doi.org/10.29100/jp2m.v9i2.4652>
- Ambrose, S. A. (2010). *How Learning Works: Seven Research-Based Principles for Smart Teaching*. Jossey-Bass.
- Andzin, N. S., Sari, P. Y. P., Widodo, R. C., Sukowati, D. I., Indriastuti, S., & Nursyahidah, F. (2024). Arithmetic Sequences and Series Learning Using Realistic Mathematics Education Assisted by Augmented Reality. *Jurnal Pendidikan Matematika*, 18(1), 139–148. <https://doi.org/10.22342/jpm.v18i1.pp139-148>
- Anglin, G. (1995). *Instructional Technology: Past, Present, and Future* (2nd ed.). Libraries Unlimited. <https://doi.org/10.5040/9798216974697>
- Angraini, L. M., Larsari, V. N., Muhammad, I., & Kania, N. (2023). Generalizations and analogical reasoning of junior high school viewed from Bruner's learning theory. *Infinity Journal*, 12(2), 291–306. <https://doi.org/10.22460/infinity.v12i2.p291-306>
- Aspriyani, R., & Suzana, A. (2020). Pengembangan E-Modul Interaktif Materi Persamaan Lingkaran Berbasis Realitic Mathematics Education Berbantuan Geogebra. *AKSIOMA: Jurnal Program Studi Pendidikan Matematika*, 9(4), 1099. <https://doi.org/10.24127/ajpm.v9i4.3123>
- Atikah, N., Rahmadani, D., Cahyani, D. E., Kholifia, N., Afifah, D. L., Saputri, A. Y., & Saputri, T. P. (2022). *BERBASIS KVISOFIT FLIPBOOK MAKER* (1st ed.). Delta Pijar Khatulistiwa.
- Awang, L. A., Yusop, F. D., & Danaee, M. (2024). Insights on usability testing: The effectiveness of an adaptive e-learning system for secondary school mathematics. *International Electronic Journal of Mathematics Education*, 19(3), em0782. <https://doi.org/10.29333/iejme/14621>

- Badan Pusat Statistik. (2025). *Angka Partisipasi Kasar (APK) Menurut Provinsi dan Jenjang Pendidikan*. <https://www.bps.go.id/id/statistics-table/2/MzAzIzI=/angka-partisipasi-kasar--apk--menurut-provinsi-dan-jenjang-pendidikan.html>
- Bates, T. (2015). *Teaching in a digital age: Guidelines for designing teaching and learning*. Tony Bates Associates Ltd.
- Bayly-Castaneda, K., Ramirez-Montoya, M.-S., & Morita-Alexander, A. (2024). Crafting personalized *learning paths* with AI for lifelong learning: A systematic literature review. *Frontiers in Education*, 9, 1424386. <https://doi.org/10.3389/feduc.2024.1424386>
- Brandsford, J. (2000). *How People Learn: Brain, Mind, Experience, and School: Expanded Edition* (p. 9853). National Academies Press. <https://doi.org/10.17226/9853>
- BSKAP. (2024). *KEP BSKAP NOMOR 032/H/KR/2024*. KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI.
- Byers, W. (with World Scientific (Firm)). (2015). *Deep thinking: What mathematics can teach us about the mind*. World Scientific Pub. Co.
- Cevikbas, M., Greefrath, G., & Siller, H.-S. (2023). Advantages and challenges of using digital technologies in mathematical modelling education – a descriptive systematic literature review. *Frontiers in Education*, 8, 1142556. <https://doi.org/10.3389/feduc.2023.1142556>
- Chau, D. B., Luong, V. T., Long, T. T., & Linh, N. T. T. (2025). Personalized Mathematics Teaching with The Support of AI Chatbots to Improve Mathematical Problem-Solving Competence for High School Students in Vietnam. *European Journal of Educational Research*, 14(1), 323–333. <https://doi.org/10.12973/eu-jer.14.1.323>
- Clark, R. C., & Mayer, R. E. (2008). *E-learning and the Science of Instruction*. Pfeiffer.
- Courant, R., Robbins, H., & Stewart, I. (1996). *What Is Mathematics*. Oxford University Press.

- Danesi, M. (2016). *Learning and Teaching Mathematics in The Global Village* (Vol. 6). Springer International Publishing. <https://doi.org/10.1007/978-3-319-32280-3>
- Demertzi, V., & Demertzis, K. (2020). *A Hybrid Adaptive Educational eLearning Project based on Ontologies Matching and Recommendation System*. MATHEMATICS & COMPUTER SCIENCE. <https://doi.org/10.20944/preprints202008.0388.v1>
- Devlin, K. J. (2012). *Introduction to mathematical thinking*. Devlin.
- Education Element. (2018). *Personalized Learning Guide*. education Element.
- Erminawati, Arif, A., & Gatot, M. (2022). *Pengembangan Multi Media Flipbook Buku Cerita Anak*. Widina.
- Fitriana, L., Mulyowati, D., Triyanto, T., & Wiraya, A. (2023). Digital Flipbook-Based Mathematics Teaching Materials using RME Approach to Improve Mathematical Problem-Solving Ability. *Jurnal Pendidikan Progresif*, 13(3), 1460–1468. <https://doi.org/10.23960/jpp.v13.i3.202342>
- flippingbook. (2025). *What Is a Flipbook?* <https://flippingbook.com/blog/marketing-tips/what-is-a-flipbook>
- Gabriel, D. F., Fowler, D. S., & Brinkman, S. (2025). *Motivation for Learning Review*. University Of South Australia.
- Gagne, R., Briggs, L., & Wagner, W. (1992). *Principles of instructional design*. Harcourt Brace College.
- Gisbert, & Bullen. (2015). *Teaching and learning in digital worlds strategies and issues In higher education*. Publicacions Universitat Rovira i Virgili.
- Glowa, L., & Goodell, J. (2016). *Functional Requirements for Integrated Systems to Optimize Learning*. INACOL.
- Grant, P., & Basye, D. (2014). *Personalized learning: A guide for engaging students with technology* (First edition). International Society for Technology in Education.
- Habiddin, H., Ashar, M., Hamdan, A., & Nasir, K. R. (2022). Digital Comic Media for Teaching Secondary School Science. *International Journal of Interactive Mobile Technologies (iJIM)*, 16(03), 159–166. <https://doi.org/10.3991/ijim.v16i03.28967>

- Haelermans, C. (2017). *Digital tools in education: On usage, effects, and the role of the teacher* [Elektronisk resurs]. SNS Förlag.
- Hendra, Afriyadi, H., Tanwir, Hayati, N., Supriadi, Laila, S., Prakasa, Y., Hasibuan, R., & Asyhar, A. (2023). *Media Pembelajaran Berbasis Digital (Teori dan Praktek)* (1st ed.). Sonpedia.
- Heyzine. (2022). *Pengenalan Media Flipbook*. <https://heyzine.com/how-to/what-is-a-flipbook/>
- Hidayat, W., Rohaeti, E. E., Ginanjar, A., & Putri, R. I. I. (2022). An ePub learning module and students' mathematical reasoning ability: A development study. *Journal on Mathematics Education*, 13(1), 103–118. <https://doi.org/10.22342/jme.v13i1.pp103-118>
- 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. <https://doi.org/10.1016/j.compedu.2020.103897>
- Hosseini-Mohand, H., Hosseini-Mohand, H., Albanese, V., & Olmos Gómez, M. D. C. (2025). AI in mathematics education: A bibliometric analysis of global trends and collaborations (2020-2024). *Eurasia Journal of Mathematics, Science and Technology Education*, 21(2), em2576. <https://doi.org/10.29333/ejmste/15915>
- Hoy, A. W., & Usher, E. L. (2023). *Educational psychology* (Fifteenth edition). Pearson.
- Hwang, G.-J., & Tu, Y.-F. (2021). Roles and Research Trends of Artificial Intelligence in Mathematics Education: A Bibliometric Mapping Analysis and Systematic Review. *Mathematics*, 9(6), 584. <https://doi.org/10.3390/math9060584>
- Jantakun, T., Jantakun, K., & Jantakoon, T. (2025). Scientometric Analysis of Personalized Learning Research. *Journal of Education and Learning*, 14(3), 137. <https://doi.org/10.5539/jel.v14n3p137>
- Januszewski, A., & Molenda, M. (2008). *Educational technology a definition with commentary* [Soft file]. Routledge. (Original work published Routledge)

- Kadarisma, G., Indah, J. P., Annisa, D. P., & Ainun, N. (2024). *Innovative e-book to numeracy skill improvement: The role of flip HTML5 in digital pocket book development*. <https://doi.org/10.30862/jhm.v7i2.562>
- Kang, Y., Wang, G., Liu, L., Liu, J., & Gao, Q. (2024). The Development and Application of an Intelligent Assessment and Strategy Implementation System for Non-Intellectual Factors in Mathematics Learning Among Senior High School Students. *Journal of Intelligence*, 12(12), 126. <https://doi.org/10.3390/jintelligence12120126>
- Kementerian Pendidikan Dasar dan Menengah Republik Indonesia. (2025). *Naskah Akademik Pembelajaran Mendalam Menuju Pendidikan Bermutu Untuk Semua*. Pusat Kurikulum dan Pembelajaran Badan Standar, Kurikulum, dan Asesmen Pendidikan Kementerian Pendidikan Dasar dan Menengah Republik Indonesia.
- Khazanchi, R., Di Mitri, D., & Drachsler, H. (2025). The Effect of AI -Based Systems on Mathematics Achievement in Rural Context: A Quantitative Study. *Journal of Computer Assisted Learning*, 41(1), e13098. <https://doi.org/10.1111/jcal.13098>
- Krantz, S. (2015). *How to Teach Mathematics*. American Mathematical Society. <https://doi.org/10.1090/mbk/089>
- Kumor, T., Uribe-Flórez, L., Trespalacios, J., & Yang, D. (2024). ALEKS in High School Mathematics Classrooms: Exploring Teachers' Perceptions and Use of this Tool. *TechTrends*, 68(3), 506–519. <https://doi.org/10.1007/s11528-024-00955-0>
- Laak, K.-J., & Aru, J. (2025). *AI and personalized learning: Bridging the gap with modern educational goals* (arXiv:2404.02798). arXiv. <https://doi.org/10.48550/arXiv.2404.02798>
- Lorber, J. (2008). *Paradoxes of Gender*. Yale University Press. <https://doi.org/10.12987/9780300153446>
- Marquardt, M., Hellmér, L., & Sofo, F. (2002). *Building the Learning Organization*. Davies-Black.

- Martini, N. K., Agustini, K., & Suartama, I. K. (2025). *Systematic Literatur Review: Peran E-Modul Interaktif untuk Membangun Literasi Siswa*. 14(3). <https://doi.org/10.58230/27454312.2532>
- Marylin, M., Redding, S., & Twyman, J. (2016). *Handbook on Personalized Learning for States, District, and School* (1st ed.). CIL.
- Mayer, R. E. (2009). *Multimedia Learning*. Cambridge University Press.
- National Council of Teachers of Mathematics (Ed.). (2005). *Principles and standards for school mathematics* (4. print). National Council of Teachers of Mathematics.
- Navarro-Ibarra, L. A., Cuevas-Salazar, O., Acuña-Michel, L. L., & Valenzuela-Ochoa, J. M. (2025). Mathematics education and technology: Bibliometric analysis and systematic review (2000-2024). *Eurasia Journal of Mathematics, Science and Technology Education*, 21(3), em2607. <https://doi.org/10.29333/ejmste/16072>
- Nitkin, D., Ready, D. D., & Bowers, A. J. (2022). Using Technology to Personalize Middle School Math Instruction: Evidence From a Blended Learning Program in Five Public Schools. *Frontiers in Education*, 7, 646471. <https://doi.org/10.3389/feduc.2022.646471>
- Nurhandayani, E. F., Mulyono, D., & Yanto, Y. (2022). Pengembangan E-Modul Matematika Materi Barisan dan Deret dengan Pendekatan Problem Based Learning (PBL) Kelas XI SMA. *Jurnal Pendidikan Matematika (Judika Education)*, 5(2), 126–137. <https://doi.org/10.31539/judika.v5i2.4588>
- OECD. (2022). *PISA 2022 Results*.
- Oktaviyanthi, R., Agus, R. N., & Khotimah. (2024). Exploring the link between cognitive load and brain activity during calculus learning through electroencephalogram (EEG): Insights from visualization and cluster analysis. *Journal on Mathematics Education*, 15(4), 1383–1408. <https://doi.org/10.22342/jme.v15i4.pp1383-1408>
- Ormrod, J. E., Anderman, E. M., & Anderman, L. H. (2020). *Educational psychology: Developing learners* (Tenth edition). Pearson.

- Persichitte, K. A., Suparman, A., & Spector, M. (Eds.). (2018). *Educational Technology to Improve Quality and Access on a Global Scale*. Springer International Publishing. <https://doi.org/10.1007/978-3-319-66227-5>
- Phan, T. T., Do, T. T., Trinh, T. H., Tran, T., Duong, H. T., Trinh, T. P. T., Do, B. C., & Nguyen, T.-T. (2022). A Bibliometric Review on Realistic Mathematics Education in Scopus Database Between 1972-2019. *European Journal of Educational Research*, volume-11-2022(volume-11-issue-2-april-2022), 1133–1149. <https://doi.org/10.12973/eu-jer.11.2.1133>
- Pittock, J., & Corbin-Thaddies, C. (2015). *Personalized Learning: The Journey to Student-Centered Instruction*. Mc Graw Hill.
- Pritchard, A. (2009). *Ways of learning: Learning theories and learning styles in the classroom* (2. ed). Routledge.
- Rachma, A. A., & Rosjanuardi, R. (2021). Students' Obstacles in Learning Sequence and Series Using Onto-Semiotic Approach. *Jurnal Pendidikan Matematika*, 15(2), 115–132. <https://doi.org/10.22342/jpm.15.2.13519.115-132>
- Ramadhan, S., Purbaningrum, M., Thauzahra, R., & Setyaningrum, W. (2023). PENGGUNAAN TEKNOLOGI UNTUK MENGEMBANGKAN LITERASI MATEMATIKA PESERTA DIDIK PADA KURIKULUM MERDEKA. *AKSIOMA: Jurnal Program Studi Pendidikan Matematika*, 12(3), 3231. <https://doi.org/10.24127/ajpm.v12i3.7526>
- Richey, R. C., & Klein, J. D. (2014). *Design and Development Research: Methods, Strategies, and Issues*. Taylor and Francis.
- Roemintoyo, R., & Budiarto, M. K. (2021). Flipbook as Innovation of Digital Learning Media: Preparing Education for Facing and Facilitating 21st Century Learning. *Journal of Education Technology*, 5(1), 8. <https://doi.org/10.23887/jet.v5i1.32362>
- Santia, I., . D., & Wardani, A. K. (2023). Development of an Integrated Statistics E-Module with Flipbook and Augmented Reality. *International Journal of Research and Review*, 10(10), 436–442. <https://doi.org/10.52403/ijrr.20231054>

- Schunk, D. H. (2012). *Learning theories: An educational perspective* (6th ed). Pearson.
- Schunk, D. H. (2020). *Learning theories: An educational perspective* (Eighth edition). Pearson.
- Shemshack, A., & Spector, J. M. (2020). A systematic literature review of personalized learning terms. *Smart Learning Environments*, 7(1), 33. <https://doi.org/10.1186/s40561-020-00140-9>
- Smaldino, S. E., Lowther, D. L., Mims, C., & Russell, J. D. (2019). *Instructional technology and media for learning* (12th Edition). Pearson Education, Inc.
- Soboleva, E. V., Zhumakulov, K. K., Umurkulov, K. P., Ibragimov, G. I., Kochneva, L. V., & Timofeeva, M. O. (2022). Developing a Personalised Learning Model Based on Interactive Novels to Improve the Quality of Mathematics Education. *Eurasia Journal of Mathematics, Science and Technology Education*, 18(2), em2078. <https://doi.org/10.29333/ejmste/11590>
- Spector, J. M. (2016). *Foundations of educational technology: Integrative approaches and interdisciplinary perspectives* (Second edition). Routledge.
- Sudiarti, D., Ashilah, N. M., & Nurjanah, U. (2023). Implementation of flipped learning with flipbook media assistance on learning outcomes and critical thinking abilities. *Jurnal Inovasi Teknologi Pendidikan*, 10(4), 385–394. <https://doi.org/10.21831/jitp.v10i4.58191>
- Sugiyono. (2013). *Metode Penelitian Kuantitatif Kualitatif dan R & D* (19th ed.). Alfa Beta.
- Tomlinson, C. A. (1999). *The differentiated classroom: Responding to the needs of all learners*. Association for Supervision and Curriculum Development.
- Unayah, H., Rasyid, M., Suyanta, S., & Wilujeng, I. (2024). *A Recent Study on Flipbook as Media Implementation in Science Education in Digital Age: A Systematic Literature Review*. <http://dx.doi.org/10.15294/usej.v13i1.17200>
- UNESCO GEM Report. (2020). *Global Education Monitoring Report – Gender Report: A new generation: 25 years of efforts for gender equality in education*. UNESCO. <https://doi.org/10.54676/IBSP9880>
- UNESCO, I. (2017). *Training Tools for Curriculum Development Personalized Learning*. IBE. <http://www.ibe.unesco.org>

- UNESCO, S. (2019). *From access to empowerment: UNESCO strategy for gender equality in and through education 2019-2025*. UNESCO. <https://doi.org/10.54675/IJGQ3826>
- Vidyastuti, A. N., Effendi, M. M., & Darmayanti, R. (2022). Aplikasi Tik-Tok: Pengembangan Media Pembelajaran Matematika Materi Barisan dan Deret Untuk Meningkatkan Minat Belajar Siswa SMA. *Jurnal Math Educator Nusantara: Wahana Publikasi Karya Tulis Ilmiah Di Bidang Pendidikan Matematika*, 8(2), 91–106. <https://doi.org/10.29407/jmen.v8i2.18267>
- Vygotsky, L. (1978). *Mind in Society: The Development of Higher Psychological Processes*. Harvard University Press.
- Watson, A. (with Ohtani, M.). (2015). *Task Design in Mathematics Education: An ICMI Study 22*. Springer International Publishing AG.
- White, L., & McNulty. (2022). *Motivation and the Learning Environment*. 38.
- Whitehead, N. A. (2012). *An Introduction to Mathematics* [Ebook]. Andrew D. Hwang. www.gutenberg.org/ebooks/41568. (Original work published University of California, Santa Barbara)
- Ye, J.-H., Nong, L., Wang, L., & Nong, W. (Eds.). (2025). *Motivation in Learning* (Vol. 30). IntechOpen. <https://doi.org/10.5772/intechopen.1003372>