

DAFTAR PUSTAKA

- Adha, T. Z., Asrizal, A., & Rahim, F. R. (2023). Development of E-Module Integrated STEM Approach to Improve Students' Critical and Creative Thinking Skills. *Physics Learning and Education*, 1(2), 62–70. <https://doi.org/10.24036/ple.v1i2.27>
- Al Munawarah, R. (2019). Sparkol Videoscribe Sebagai Media Pembelajaran. *Jurnal Inspiratif Pendidikan*, 8(2), 430–437. <https://journal3.uin-alauddin.ac.id/index.php/Inspiratif-Pendidikan/article/view/12412>
- Andrews, R. (2015). *Critical Thinking and / or Argumentation in Higher Education*. 49–62.
- Angeli, C., & Valanides, N. (2015). Preface. In *Technological Pedagogical Content Knowledge: Exploring, Developing, and Assessing TPACK*. <https://doi.org/10.1007/978-1-4899-8080-9>
- Baghdadi, I. (2019). Innovation Networks: A Tool for Food-Culture Preservation and Sustainability in the Era of Globalization. *Journal of Sustainable Development*, 12(1). <https://doi.org/10.5539/jsd.v12n1p10>
- Branch, R. M. (2009). *Instructional Design: The ADDIE Approach*. Springer. https://doi.org/10.1007/978-0-387-09506-6_1
- Buchori, A., & Rahmawati, N. D. (2017). Achmad&Noviana. *Jurnal Pendidikan Dasar*, 1(4), 23–29.
- Dabet, A., Siraj, S., & Taufiq, T. (2022). Pelatihan Dan Pendampingan Pengembangan E-Modul Berbasis Software 3d Pageflip Profesional. *Community Development Journal : Jurnal Pengabdian Masyarakat*, 3(1). <https://doi.org/10.31004/cdj.v3i1.3470>
- Damayanti, D. R., Yaminah, S., & Utomo, S. B. (2018). Pengembangan Instrumen Penilaiantwo-Tier Multiple Choice Question Untuk Mengukur Keterampilan Proses Sains Siswa Pada Tema Mata Sebagai Alat Optik. *INKUIRI: Jurnal Pendidikan IPA*, 7(2), 252. <https://doi.org/10.20961/inkuiri.v7i2.22984>
- Danoebroto, S. W. (2020). Kaitan antara Etnomatematika dan Matematika Sekolah: Sebuah Kajian Konseptual. *Idealmathedu: Indonesian Digital Journal of Mathematics and Education*, 7(1). <https://doi.org/10.53717/idealmathedu.v7i1.171>
- Dewi, P. S., & Kuswanto, H. (2023). The Effectiveness Of The Use Of Augmented Reality-Assisted Physics E-Module Based On Pedicab To Improve Mathematical Communication And Critical Thinking Abilities. *Journal of Technology and Science Education*, 13(1), 53–64.
- Du, Y., & Zhao, T. (2021). Network Teaching Technology Based on Big Data Mining and Information Fusion. *Security and Communication Networks*, 2021. <https://doi.org/10.1155/2021/6629563>
- Endang Mulyatiningsih. *Flipbook Berbasis Literasi Islam: Pengembangan Media Pembelajaran Fisika Dengan 3D Pageflip Professional*, 4(2), 234–244. <https://doi.org/10.21831/jipi.v4i2.20819>
- Ergene, Ö., Ergene, B. Ç., & Yazıcı, E. Z. (2020). Ethnomathematics activities: Reflections from the design and implementation process. *Turkish Journal of Computer and Mathematics Education*, 11(2). <https://doi.org/10.16949/turkbilmate.688780>
- Erikson, M. G., & Erikson, M. (2018). Learning outcomes and critical thinking—good intentions in conflict. *Studies in Higher Education*, 44(12), 2293–2303. <https://doi.org/10.1080/03075079.2018.1486813>
- Ertmer, P. (2010). Teacher Technology Change: How Knowledge, Beliefs, and Culture Intersect. *Ottenbreit-Leftwich, Anne*, 42(2), 284.

- <https://doi.org/10.1080/15391523.2010.10782551>
- Et al., W. A. (2021). Developing Critical Thinking of Students with Hearing Impairment for Computational Thinking in Mathematics with E Module Design. *Psychology and Education Journal*, 58(1), 4613–4621. <https://doi.org/10.17762/pae.v58i1.1578>
- Facione, P. a. (2015). Critical Thinking : What It Is and Why It Counts. In *Insight assessment* (Issue ISBN 13: 978-1-891557-07-1.)
- Facione, P., Assessment, I., Facione, N. C., & Francisco, S. (2000). *The Disposition Toward Critical Thinking : Its Character , Measurement , and The Disposition Toward Critical Thinking : Its Character , Measurement , and Relationship to Critical Thinking Skill*. January. <https://doi.org/10.22329/il.v20i1.2254>
- Faiqotun, A., & Agoestanto, A. (2021). Kemampuan Komunikasi dan Berpikir Kritis Matematis Ditinjau dari Self-Efficacy Menggunakan Quantum Teaching pada Siswa SMP. 4, 49–58.
- Febro, J. D., Catindig, M. A. C., & Caparida, L. T. (2020). Development of e-learning module for ICT skills of marginalized women and girls for ICT4D. *International Journal of Emerging Technologies in Learning*, 15(16). <https://doi.org/10.3991/ijet.v15i16.14929>
- Florentina Turnip, R., & Karyono, H. (2021). Pengembangan E-modul Matematika Dalam Meningkatkan Keterampilan Berpikir Kritis. *Jurnal Edukasi Matematika Dan Sains*, 9(2), 485–498. <https://doi.org/10.25273/jems.v9i2.11057>
- Fouze, A. Q., & Amit, M. (2018). Development of mathematical thinking through integration of ethnomathematic folklore game in math instruction. *Eurasia Journal of Mathematics, Science and Technology Education*, 14(2). <https://doi.org/10.12973/ejmste/80626>
- Giraldo-García, R., Roy, M., & Alotebi, H. (2015). The Interplay of Technology and Critical Thinking Skills in the 21st Century Blended Classroom. *International Journal of Advanced Research*, 2(3).
- Gleason, B., & von Gillern, S. (2018). Digital citizenship with social media: Participatory practices of teaching and learning in secondary education. *Educational Technology and Society*, 21(1).
- Graham, S., Mckeown, D., Kiuahara, S., & Harris, K. R. (2012). *A Meta-Analysis of Writing Instruction for Students in the Elementary Grades*. 104(4), 879–896. <https://doi.org/10.1037/a0029185>
- Hadiyanti, N. F. D., Hobri, Prihandoko, A. C., Susanto, Murtikusuma, R. P., Khasanah, N., & Maharani, P. (2021). Development of mathematics e-module with STEM-collaborative project based learning to improve mathematical literacy ability of vocational high school students. *Journal of Physics: Conference Series*, 1839(1). <https://doi.org/10.1088/1742-6596/1839/1/012031>
- Hamzah, A. (2019). *Metode Penelitian dan Pengembangan Reseach and Development*. 1.
- Hardiarti, S. (2017). Etnomatematika : Aplikasi Bangun Datar. *Aksioma*, 8(2), 99–110.
- Hidayati, N., & Susanti. (2013). Analisis Penggunaan Media Pembelajaran Pada Mata pelajaran ekonomi materi akuntansi kelas XI IPS di SMA Negeri 19 Surabaya. *Jurnal Pendidikan Akuntansi (JPAK)*, 1(3), 1–18.
- Imas Tesia Putri, Rina Oktaviyanthi, & Khotimah, K. (2022). Perancangan E-Modul Interaktif Berbasis Technological Pedagogical Content Knowledge (TPACK) untuk Memfasilitasi Kemampuan Pemecahan Masalah Matematis. *Jurnal Pendidikan Mipa*, 12(3), 820–830. <https://doi.org/10.37630/jpm.v12i3.693>
- Istiadah, F. N. (2020). Teori-teori belajar dalam pendidikan. edu Publisher.
- Janah, M., Elmunsyah, H., & Nidhom, A. M. (2023). E-Modul Berbasis Kearifan Lokal

- Menggunakan Flipbook Digital Pada Mata Pelajaran Teknik Pengolahan Audio Dan Video Untuk Menumbuhkan Motivasi Belajar Siswa SMK. 16(1), 79–90.
- Joniarta, I. W., Pinatih, I. G. A. A. D. S., & Pratiwi, N. I. (2019). The dilemmatic study of local policy implementation towards Bali Aga traditional village in culture conservation. *International Journal of Social Sciences and Humanities*, 3(1). <https://doi.org/10.29332/ijssh.v3n1.278>
- Kabanda, M. N. (2021). Globalization and Curriculum in the 21st Century: A Case for Flexible and Dynamic Curriculum. *Asian Journal of Interdisciplinary Research*. <https://doi.org/10.34256/ajir2132>
- Kamid, Resmita, R. (2016). Analisis Nilai-Nilai Budaya Jambi Yang Terkandung Dalam Alat Musik Kelintang Kayu Yang Berkaitan Dengan Pembelajaran Pola Barisan Dan Deret. *AKSIOMA Jurnal Pendidikan Matematika*, 5(3), 1–9.
- Kamid, K., Rohati, R., Rahmalisa, Y., Anggo, M., Septi, S. E., Azzahra, M. Z., & Nawahdani, A. M. (2021). Engklek Game” in mathematics: How difference and relationship student attitude towards science process skills? *Cypriot Journal of Educational Sciences*, 16(6), 3109–3123. <https://doi.org/10.18844/cjes.v16i6.6500>
- Kamid, K., Yuliya, S., & Muhaimin, M. (2020). Pengembangan Modul Panduan Guru Matematika Dalam Mendesain Pembelajaran Pjbl Berbasis Budaya Jambi. *AKSIOMA: Jurnal Program Studi Pendidikan Matematika*, 9(2), 424. <https://doi.org/10.24127/ajpm.v9i2.2796>
- Koh, J. (2016). *TPACK Concepts and Practices*. 2(1), 109–130.
- Kurniati, R. D., Andra, D., & Wayan Distrik, I. (2021). E-module development based on PBL integrated STEM assisted by social media to improve critical thinking skill: A preliminary study. *IOP Conference Series: Earth and Environmental Science*, 1796(1). <https://doi.org/10.1088/1742-6596/1796/1/012077>
- Kurniawan, R., & Syafriani. (2021). The validity of e-module based on guided inquiry integrated ethnoscience in high school physics learning to improve students’ critical thinking. *Journal of Physics: Conference Series*, 1876(1). <https://doi.org/10.1088/1742-6596/1876/1/012067>
- Maghfiroh, S., Wilujeng, I., Jumadi, J., & Masyitha, D. (2023). Development of Physics E-Module Based on Discovery Learning to Improve Students’ Scientific Literacy. *Jurnal Penelitian Pendidikan IPA*, 9(2), 452–458. <https://doi.org/10.29303/jppipa.v9i2.1733>
- Mallqui, A. O., & Chávez, W. O. (2021). Ethnomathematics: An approach to teacher perception in aboriginal communities in Peru. *Turkish Journal of Computer and Mathematics Education*, 12(14).
- Mashuri, S. (2019). *Media Pembelajaran Matematika*. Deepublish. <https://books.google.co.id/books?id=jHGNDwAAQBAJ>
- Maulana, A. (2018). *Pengembangan Multimedia Pembelajaran 3D Pageflip Materi Pendudukan Jepang di Indonesia untuk Siswa Kelas XI IIS SMA 4 Kota Jambi*.
- Mayasari, A., Pujasari, W., Ulfah, U., & Arifudin, O. (2021). Pengaruh Media Visual Pada Materi Pembelajaran Terhadap Motivasi Belajar Peserta Didik. *Jurnal Tahsinia*, 2(2), 173–179. <https://doi.org/10.57171/jt.v2i2.303>
- Meilania, M., & Febrianti, H. (2019). Pelestarian Candi Muaro Jambi Sebagai Benda Cagar Budaya Dan Pariwisata Di Provinsi Jambi. *JOURNAL V-TECH (VISION TECHNOLOGY)*, 2(1). <https://doi.org/10.35141/jvt.v2i1.509>
- Mindayula, E. (2017). Pengembangan Bahan Ajar E-Book Berbasis Metakognisi Menggunakan 3D Page Flip Pada Materi Reaksi Redoks Di Kelas X MIPA SMA Negeri

- 1 Muaro Jambi. *Fakultas Keguruan Dan Ilmu Pendidikan Universitas Jambi*.
- Mishra, M. J. K. and P. (2009). *What Is Technological Pedagogical Content Knowledge ? August*.
- Mochamad Arsad Ibrahim, Muhamad lufti Yasin Fauzan, Paqih Raihan, S. N., Nurhadi, Setiawan, U., & Destiyani, Y. N. (2022). Jenis, Klasifikasi dan Karakteristik Media Pembelajaran. *Braz Dent J.*, 4(2), 1–8.
- Moreno, J. R., Montoro, M. A., & Colón, A. M. O. (2019). Changes in teacher training within the TPACK model framework: A systematic review. In *Sustainability (Switzerland)* (Vol. 11, Issue 7). <https://doi.org/10.3390/su11071870>
- Muhtarom, H., Arsandi, I., Kurniasih, D., Widia, N., & Sulaeman, S. (2021). Perubahan Budaya Jakarta: Luntarnya Nilai-Nilai Kesenian Ondel-Ondel Betawi di Era Globalisasi. *ETNOREFLIKA: Jurnal Sosial Dan Budaya*, 10(2). <https://doi.org/10.33772/etnoreflika.v10i2.1136>
- Mujahidawati, Novferma, Simatupang, G. M., Romundza, F., Frianto, A., & Putri, D. (2022). Pelatihan Pembuatan Film Animasi Menggunakan Aplikasi Toontastic 3d untuk Mendukung Minat Belajar Siswa SMP. *Sarwahita*, 19(01), 234–250. <https://doi.org/10.21009/sarwahita.191.20>
- Nahak, H. M. I. (2019). Upaya Melestarikan Budaya Indonesia Di Era Globalisasi Effort To Preserve Inddonesian Culture In The Era Of Globalization. *Jurnal Sosilologi Nusantara*, 5(1).
- Nazari, N., Nafissi, Z., Estaji, M., Marandi, S. S., & Wang, S. (2019). Evaluating novice and experienced EFL teachers' perceived TPACK for their professional development. *Cogent Education*, 6(1). <https://doi.org/10.1080/2331186X.2019.1632010>
- Noviarni, N., Amelia, R., & Mahnun, N. (2022). Electronic Teaching Materials Validity from Research Result Product of Student's Thesis Development at Mathematics Education Department of State Islamic, *Tarbiyah Suska Conference*, 1–8. <https://jom.uin-suska.ac.id/index.php/TSCS/article/view/103%0A>
- Nuangchalerm, P. (2020). Tpack in asean perspectives: Case study on thai pre-service teacher. *International Journal of Evaluation and Research in Education*, 9(4). <https://doi.org/10.11591/ijere.v9i4.20700>
- Nufus, H., & Kusaeri, A. (2020). Analisis tingkat kemampuan berpikir kritis siswa dalam memecahkan masalah geometri. *Jurnal Pendidikan Matematika Indonesia*, 5(2), 49–55.
- Olivia Feby Mon Harahap, Mastiur Napitupulu, N. S. B. (2022). Media Pembelajaran: Teori dan Perspektif Penggunaan Media Pembelajaran dalam Pembelajaran Bahasa Inggris (p. 99). Azka Pustaka. <https://books.google.co.id/books?id=Bc9qEAAAQBAJ>
- Pandeeka, P., & Maneekul, J. (2019). Instructional models of social studies teachers to the development of critical thinking skills for living in the 21st century. In *Humanities, Arts and Social Sciences Studies* (Vol. 19, Issue 2). <https://doi.org/10.14456/hasss.2019.12>
- Patri, S. F. D., & Heswari, S. (2021). Development of ethnomathematic-based on mathematics e-module to improve students' logical thinking skills. *AIP Conference Proceedings*, 2330(March). <https://doi.org/10.1063/5.0043250>
- Perry, R. P. (2008). *The Interrelation of First-Year College Students ' Critical Thinking Disposition , Perceived Academic Control , and Academic Achievement*. 513–530. <https://doi.org/10.1007/s11162-008-9093-8>
- Ponidi, & Nugroho, M. (2020). Modul 8 Segi Empat dan Segitiga. *Kementrian Pendidikan Dan Kebudayaan Republik Indonesia*, 72.
- Prahmana, R. C. I., & D'Ambrosio, U. (2020). Learning geometry and values from patterns:

- Ethnomathematics on the batik patterns of yogyakarta, indonesia. *Journal on Mathematics Education*, 11(3), 439–456. <https://doi.org/10.22342/jme.11.3.12949.439-456>
- Purwoko, R. Y., Kusumaningrum, B., Laila, A. N., & Astuti, E. P. (2023). Development of Open Ended Based Mathematics E-Modules to Enhance Students' Critical Thinking Ability. *Mathline : Jurnal Matematika Dan Pendidikan Matematika*, 8(1), 194–206. <https://doi.org/10.31943/mathline.v8i1.337>
- Putman, S., & Id-Deen, L. (2019). "I Can See It!" Math Understanding Through Virtual Reality. *Educational Leadership*, 76(5).
- Rahmadi, I. F. (2019). Technological Pedagogical Content Knowledge (TPACK): Kerangka Pengetahuan Guru Abad 21. *Jurnal Pendidikan Kewarganegaraan*, 6(1). <https://doi.org/10.32493/jpkn.v6i1.y2019.p65-74>
- Rebollo, C., Remolar, I., Rossano, V., & Lanzilotti, R. (2022). Multimedia augmented reality game for learning math. *Multimedia Tools and Applications*, 81(11). <https://doi.org/10.1007/s11042-021-10821-3>
- Rosida, N., Fatah, A., & Nindiasari, H. (2022). *Pengembangan E-Modul Matematika Berbasis TPACK (Technological Pedagogical and Content Knowledge) pada Materi Aritmetika Sosial*. 17–23.
- Rukajat, A. (2018). *Pendekatan penelitian kuantitatif = Quantitative research approach* (Cetakan pe). Deepublish Publisher.
- Rusdi, M. (2018). *Penelitian Desain dan Pengembangan Kependidikan* (Cetakan ke). Depok : Rajawali Pers.
- Saubern, R., Henderson, M., Heinrich, E., & Redmond, P. (2020). TPACK-time to reboot? In *Australasian Journal of Educational Technology* (Vol. 36, Issue 3). <https://doi.org/10.14742/AJET.6378>
- Schmid, M., Brianza, E., & Petko, D. (2021). Self-reported technological pedagogical content knowledge (TPACK) of pre-service teachers in relation to digital technology use in lesson plans. *Computers in Human Behavior*, 115. <https://doi.org/10.1016/j.chb.2020.106586>
- Setiyani, Waluya, S. B., Sukestiyarno, Y. L., & Cahyono, A. N. (2022). E-Module Design Using Kvisoft Flipbook Application Based on Mathematics Creative Thinking Ability for Junior High Schools. *International Journal of Interactive Mobile Technologies*, 16(4). <https://doi.org/10.3991/ijim.v16i04.25329>
- Shahbari, J. A., & Daher, W. (2020). Learning congruent triangles through ethnomathematics: The case of students with difficulties in mathematics. *Applied Sciences (Switzerland)*, 10(14). <https://doi.org/10.3390/app10144950>
- Soleh, I., & Agustin, R. D. (2020). Pengembangan E-Comic sebagai Media Pembelajaran Matematika Kelas IV SD pada Materi Pecahan. *Prosiding Seminar Nasional ...*.
- Soler-Costa, R., Moreno-Guerrero, A. J., López-Belmonte, J., & Marín-Marín, J. A. (2021). Co-word analysis and academic performance of the term tpack in web of science. In *Sustainability (Switzerland)* (Vol. 13, Issue 3). <https://doi.org/10.3390/su13031481>
- Sugiyono. (2017). *Metode Penelitian Kuantitatif, Kualitatif dan R&D*. 279.
- Suryawan, I. P. P., Lasmawan, I. W., & Suharta, I. G. P. (2023). Innovation of Multimodal Digital Modules Based on Ethnomathematical Problems for Meaningful Mathematics Learning in Merdeka Curriculum. *Journal of Education Research and Evaluation*, 7(4), 587–595. <https://doi.org/10.23887/jere.v7i4.59931>
- Susilo, B. E., & Widodo, S. A. (2018). *Kajian Etnomatematika Dan Jati Diri Bangsa*.

- IndoMath: Indonesia Mathematics Education*, 1(2).
<https://doi.org/10.30738/indomath.v1i2.2886>
- Sutrimo, S., Kamid, K., & Saharudin, S. (2019). LKPD Bermuatan Inquiry dan Budaya Jambi: Efektivitas dalam Meningkatkan Kemampuan Berpikir Kreatif Matematis. *IndoMath: Indonesia Mathematics Education*, 2(1), 29.
<https://doi.org/10.30738/indomath.v2i1.3841>
- Syaputra, M. A. D., Sariyatun, S., & Ardianto, D. T. (2020). Pemanfaatan Situs Purbakala Candi Muaro Jambi Sebagai Objek Pembelajaran Sejarah Lokal Di Era Digital. *Jurnal Pendidikan Sejarah Indonesia*, 3(1). <https://doi.org/10.17977/um0330v3i1p77-87>
- Uma'iyah, N., Wahyuni, S., & Nuha, U. (2023). Development of E-Modules Based On Mobile Learning Applications to Improve Students' Critical Thinking Skills in Science Subject. *JPPS (Jurnal Penelitian Pendidikan Sains)*, 12(2), 122–137.
<https://doi.org/10.26740/jpps.v12n2.p122-137>
- Ummah, S. K. (2021). *Media Pembelajaran Matematika*. UMMPress.
<https://books.google.co.id/books?id=HWIXEAAAQBAJ>
- Utami, N. W., Sayuti, S. A., & Jailani. (2020). An ethnomathematics study of the days on the javanese calendar for learning mathematics in elementary school. *Elementary Education Online*, 19(3). <https://doi.org/10.17051/ilkonline.2020.728063>
- Wan Husin, W. N. F., Mohamad Arsad, N., Othman, O., Halim, L., Rasul, M. S., Osman, K., & Iksan, Z. (2016). Fostering students' 21st century skills through project oriented problem based learning (Popbl) in integrated stem education program. *Asia-Pacific Forum on Science Learning and Teaching*, 17(1).
- Wandari, A., Kamid, K., & Maison, M. (2018). Pengembangan Lembar Kerja Peserta Didik (LKPD) pada Materi Geometri berbasis Budaya Jambi untuk Meningkatkan Kreativitas Siswa. *Edumatika: Jurnal Riset Pendidikan Matematika*, 1(2), 47.
<https://doi.org/10.32939/ejrpm.v1i2.232>
- Yu, Y., Li, Y., Zhang, Z., Gu, Z., Zhong, H., Zha, Q., Yang, L., Zhu, C., & Chen, E. (2020). A bibliometric analysis using VOSviewer of publications on COVID-19. *Annals of Translational Medicine*, 8(13), 816–816. <https://doi.org/10.21037/atm-20-4235>