

DAFTAR PUSTAKA

- Adiafidah, R. A., & Qohar, A. (2020). Students' Mathematical Reasoning in Learning of Transformation Geometry. *Suska Journal of Mathematics ...*, 6(1), 9–16. <https://doi.org/10.24014/SJME.V6I1.9211>
- Adnin, I., Nuriyani, R., Ramadhan, A. R., & Damayanti, S. (2023). Analisis Implikasi Penerapan Pembelajaran Berdiferensiasi Terhadap Kemampuan Berpikir Kritis Peserta Didik Pada Pembelajaran PKn. *Educatio*, 18(2), 304–314. <https://doi.org/10.29408/edc.v18i2.24310>
- Aguhayon, H. G., Tingson, R. D., & Jupeth T. (2023). Mengatasi Kesenjangan Pembelajaran Siswa di Matematika melalui Diferensiasi Petunjuk. *Jurnal Internasional Manajemen Pendidikan Dan Studi Pembangunan*. <https://doi.org/https://doi.org/10.53378/352967>
- Aguhayon, H., Tingson, R., & Pentang, J. (2023). Addressing Students Learning Gaps in Mathematics through Differentiated Instruction. *International Journal of Educational Management and Development Studies*, 4(1), 69–87. <https://doi.org/10.53378/352967>
- Alstete, J. W., Meyer, J. P., & Beutell, N. J. (2020). Enriching management learning with differentiated instruction. *International Journal of Educational Management*, 35(3), 640–654. <https://doi.org/10.1108/IJEM-06-2020-0312>
- Altintas, E., & Ozdemir, A. S. (2014). The Evaluation of the Developed Differentiation Approach: Students' Achievements and Opinions. *Anthropologist*, 18(2), 433–446. <https://doi.org/10.1080/09720073.2014.11891562>
- Altintas, E., & Ozdemir, A. S. (2015). Evaluating a Newly Developed Differentiation Approach in Terms of Student Achievement and Teachers' Opinions. *Kuram ve Uygulamada Egitim Bilimleri*, 15(4), 1103–1118. <https://doi.org/10.12738/estp.2015.4.2540>
- Alzahrani, K. S. (2017). Metacognition and Its Role in Mathematics Learning: an Exploration of the Perceptions of a Teacher and Students in a Secondary School. *International Electronic Journal of Mathematics Education*, 12(3), 521–537. <https://doi.org/10.29333/iejme/629>
- Amalia, K., Rasyad, I., & Gunawan, A. (2023). Pembelajaran Berdiferensiasi sebagai Inovasi pembelajaran. *Journal Of Education And Teaching Learning (JETL)*, 5(2), 185–193. <https://doi.org/10.51178/jetl.v5i2.1351>
- Amara, S., Bendella, F., Henriques Macedo, J., Santos, A., Macedo, J., & Santos Centro Algoritmi, A. (2015). Using students' learning style to create effective learning groups in MCSCL environments. *CAlg - Artigos Em Livros de Atas, NOVEMBER*, 123–128. <http://www.researchgate.net/publication/284550276>
- Amellya, D., & Khasanah, U. (2021). Pengembangan Media Pembelajaran Matematika menggunakan Google Site dengan Pendekatan Metakognisi untuk Kelas XI. *Quadratic: Journal of Innovation* <https://ejournal.uin-suka.ac.id/tarbiyah/quadratic/article/view/4515>
- Amin, I., & Mariani, S. (2021). PME Learning Model : The Conceptual Theoretical Study Of Metacognition Learning In Mathematics Problem Solving Based On

- Constructivism. *International Electronic Journal of Mathematics Education*, 12(3), 333–352. <https://doi.org/10.29333/iejme/616>
- Anđelković, S., & Maričić, S. (2023). The Effects of Discovery-Based Learning of Differentiated Algebra Content on The Long-Term Knowledge of Students in Early Mathematics Education. *Facta Universitatis, Series: Teaching, Learning and Teacher Education*, 251. <https://doi.org/10.22190/futlte230611024a>
- Andini, D. W. (2020). “ Differentiated Instruction ”: Solusi Pembelajaran. *Jurnal Pendidikan Ke-SD-An*, 2(3), 340–349.
- Anih, E. (2021). Pendekatan Metakognisi Sebagai Alternatif Pembelajaran Matematika. *Pendas : Jurnal Ilmiah Pendidikan Dasar*, 6(1). <https://doi.org/10.23969/jp.v6i1.4235>
- Anom, K., Novriana, D., Ad’hiya, E., & Haryani, M. E. (2022). Expertreview Modul Produktivitas Ikan Mas untuk Pembelajaran Kimia di Era New Normal. *Jurnal Pendidikan Kimia*, 6(2), 49–59. <https://typeset.io/pdf/expertreview-modul-produktivitas-ikan-mas-untuk-pembelajaran-2ndhkasd.pdf>
- Antonios, P., Georgios, S., Konstantinos, K., & Apostolos, X. (2020). Application of Differentiated Teaching in Applied Sciences in Secondary Education. *International Research in Education*, 8(1), 112. <https://doi.org/10.5296/ire.v8i1.16429>
- Aripin, U., Setiawan, W., & Hendriana, H. (2019). Critical Thinking Profile Of Mathematics In Integral Materials. *Journal of Educational Experts P-ISSN*, 2(2), 97–106. <https://doi.org/10.30740/JEE.V2I2P97-106>
- Avandra, R., & Desyandri. (2023). Implementasi Pembelajaran Berdiferensiasi Terhadap Keterampilan Berpikir Kritis Siswa Pada Pembelajaran IPA Kelas VI SD. *Didaktik : Jurnal Ilmiah PGSD STKIP Subang*, 8(2), 2944–2960. <https://doi.org/10.36989/didaktik.v8i2.618>
- Aybala, Ç., & Emine, B. (2023). The effect of differentiated instruction on gifted students critical thinking skills and mathematics problem solving attitudes. *Educational Research and Reviews*, 18(12), 392–398. <https://doi.org/10.5897/err2023.4375>
- Babashamasi, P., Binti Noordin, N., & Shakib Kotamjani, S. (2022). The Effect of Teaching Metacognitive Reading Strategies on the Critical Thinking Skills of Undergraduate Students. *International Journal of Applied Linguistics and English Literature*, 11(2), 65–71. <https://doi.org/10.7575/aiac.ijalel.v.11n.2p.65>
- Balkist, P. S., Dasari, D., & Fitriasari, P. (2023). Analisis Pengalaman Pengembangan Diri Guru Matematika Terhadap Pembelajaran Yang Berdiferensiasi Dan Mendorong Berpikir Kritis. *AKSIOMA: Jurnal Program Studi Pendidikan Matematika*, 12(1), 1297. <https://doi.org/10.24127/ajpm.v12i1.6829>
- Bayumi, et al. (2021). *Penerapan Model Penerapan Berdiferensiasi*. Penerbit Deepublish.
- Becerra, N., & Rocío, Y. (2022). *La Metacognición como activador el desarrollo del pensamiento matemático en el aprendizaje de la noción de variable* [Pontificia Universidad Javeriana]. <https://doi.org/https://doi.org/10.11144/Javeriana.10554.62893>

- Bhagat, K. K., Chang, C. N., & Chang, C. Y. (2016). The impact of the flipped classroom on mathematics concept learning in high school. *Educational Technology and Society*, 19(3), 134–142.
- Biasutti, M., & Frate, S. (2018). Group metacognition in online collaborative learning: validity and reliability of the group metacognition scale (GMS). *Educational Technology Research and Development*, 66(6), 1321–1338. <https://doi.org/10.1007/s11423-018-9583-0>
- Brookfield, S. (2005). *The Power of Critical Theory: Liberating Adult Learning and Teaching*. Jossey-Bass, An Imprint of Wiley.
- Busso, M., & Frisancho, V. (2023). *Ability Grouping and Student Performance: Experimental Evidence from Middle Schools in Mexico*. January. <http://www.iadb.org>
- Çalışkan, K., & Tan, S. (2023). Homojen Gruplamanın Özel Yetenekli Öğrenciler Üzerindeki Etkileri: Bir Sistemik Literatür Taraması. *Ankara Üniversitesi Eğitim Bilimleri Fakültesi Özel Eğitim Dergisi*. <https://doi.org/10.21565/ozelegitimdergisi.1117630>
- Cawley, P. (2017). *Differentiated Instruction for 1st Grade Advanced Learners in Mathematics*. 38. <https://doi.org/https://doi.org/10.33015/dominican.edu/2017.edu.13>
- Celik, S. (2019). Can Differentiated Instruction Create an Inclusive Classroom with Diverse Learners in an Elementary School Setting? *Journal of Education and Practice*, 10(6), 31–40. <https://doi.org/10.7176/jep/10-6-05>
- Corliss, S. B. (2015). The effects of reflective prompts and collaborative learning in hypermedia problem-based learning environments on problem solving and metacognitive skills. *The University of Texas at Austin*, 1–138.
- de Jager, T. (2023). Evaluating effective differentiated instruction in multicultural South African secondary schools. *Effective Teaching Around the World: Theoretical, Empirical, Methodological and Practical Insights*, 691–705. https://doi.org/10.1007/978-3-031-31678-4_31
- Depdiknas. (2021). Salinan-PP-Nomor-57-Tahun-2021.pdf. In *Sekretarian Negara*. <https://pgrikabgarut.or.id/wp-content/uploads/2021/06/Salinan-PP-Nomor-57-Tahun-2021.pdf>
- Dewika, A., Rahmi, F., & Maputra, Y. (2021). Metakognisi dan kaitannya dengan self efficacy siswa. *Jurnal Pendidikan Dasar Dan Menengah (Dikdasmen)*, 1(2), 48–55. <https://doi.org/10.31960/dikdasmen-v1i2-1394>
- Dian Oktaviani, A., Shoffa, S., & Kristanti, F. (2023). Kemampuan Berpikir Kritis dalam Pembelajaran Matematika melalui Pendekatan Contextual Teaching and Learning. *Journal of Education and Teaching (JET)*, 4(2), 276–282. <https://doi.org/10.51454/jet.v4i2.234>
- Dienichieva, O. I., Komogorova, M. I., Lukianchuk, S. F., Teletska, L. I., & Yankovska, I. M. (2021). From Reflection to Self-Assessment: Methods of Developing Critical Thinking in Students. *International Journal of Education and Information Technologies*, 15, 227–236. <https://doi.org/10.46300/9109.2021.15.23>
- Dinçer, B., & Çilek, G. (2022). The Analysis of the Relation Between Metacognitive Awareness of Reading Strategies and Critical Thinking Attitude of Pre-Service Classroom Teachers. *International Journal of Progressive Education*, 18(2), 49–70. <https://doi.org/10.29329/ijpe.2022.431.4>

- Elisanti, E., Sajidan, S., & Prayitno, B. A. (2018). *The Profile of Critical Thinking Skill Students in XI Grade of Senior High School*. January 2019. <https://doi.org/10.2991/icomse-17.2018.36>
- Ennis, R. H. (2011). *The nature of critical thinking: An outline of critical thinking dispositions and abilities*. University of Illinois.
- Facione, P. A. (2020). *Critical Thinking: What It Is and Why It Counts*. Measured Reasons LLC.
- Faigawati, F., Safitri, M. L. O., Dwi Indriani, F., Sabrina, F., Kinanti, K., Mursid, H., & Fathurohman, A. (2023). Implementation of Differentiated Learning in Elementary Schools. *Jurnal Inspirasi Pendidikan*, 13(1), 47–58. <https://doi.org/10.21067/jip.v13i1.8362>
- Fauzi, A., & Sa'diyah, W. (2019). Students' metacognitive skills from the viewpoint of answering biological questions: Is it already good? *Jurnal Pendidikan IPA Indonesia*, 8(3), 317–327. <https://doi.org/10.15294/jpii.v8i3.19457>
- Fisher, A. (2009). *Berpikir Kritis: Sebuah Pengantar*. Penerbit Erlangga.
- Flavell, J. H. (2004). Theory-of-mind development: Retrospect and prospect. *Merrill-Palmer Quarterly*, 50(3), 274–290. <https://doi.org/10.1353/mpq.2004.0018>
- Gaitas, S., & Silva, J. C. (2022). *Differentiated instruction: 'to be, or not to be, that is the question.'* <https://doi.org/https://doi.org/10.1080/13603116.2022.2119290>
- Gusteti, M. U. (2022). Pembelajaran Berdiferensiasi Pada Pembelajaran Matematika Di Kurikulum Merdeka. In *Jurnal Lebesgue: Jurnal Ilmiah Pendidikan Matematika*.
- Hadiwinarto. (2014). Analisis Faktor Hasil Penilaian Budi Pekerti. *Jurnal Psikologi*, 41(2), 229. <https://doi.org/10.22146/jpsi.6952>
- Hall, T., Strangman, N., & Meyer, A. (2003). *Differentiated Instruction and Implications for UDL Implementation*. National Center on Accessing the General Curriculum.
- Harmini, T. (2019). Efektivitas Penggunaan Modul Berbasis Differentiated Instruction untuk Meningkatkan Kemampuan Pemahaman Konsep Matematika Mahasiswa. *Jurnal Didaktik Matematika*, 6(2), 136–148. <https://doi.org/10.24815/jdm.v6i2.14293>
- Heacox, D. (2012). *Differentiating Instruction in the Regular Classroom: How to Reach and Teach All Learners*. Free Spirit Publishing.
- Hendel, R. J. (2022). A Transdisciplinary Approach to Refereal. *Journal of Systemics, Cybernetics and Informatics*, 20(6), 20–25. <https://doi.org/10.54808/jsci.20.06.20>
- Ho, Y. R., Chen, B. Y., & Li, C. M. (2023). Thinking more wisely: using the Socratic method to develop critical thinking skills amongst healthcare students. *BMC Medical Education*, 23(1), 1–16. <https://doi.org/10.1186/s12909-023-04134-2>
- Hsu, Y. S., Iannone, P., She, H. C., Hadwin, A. F., & Yore, L. D. (2016). Epilogue for the IJSME Special Issue: Metacognition for Science and Mathematics Learning in Technology-Infused Learning Environments. *International Journal of Science and Mathematics Education*, 14(2), 335–344. <https://doi.org/10.1007/s10763-016-9726-x>

- Ilmi, M. K., Syaifuddin, M., Susanti, R. D., & Ummah, S. K. (2022). Analysis of critical thinking and communication skills in geometric transformation problem solving using TransGeo application. *Jurnal Riset Pendidikan Matematika*, 9(2), 147–161. <https://doi.org/10.21831/jrpm.v9i2.48925>
- Insani, A. H., & Munandar, K. (2023). Studi Literatur: Pentingnya Pembelajaran Berdiferensiasi di Era Kurikulum Merdeka untuk Meningkatkan Hasil Belajar Peserta Didik. *ScienceEdu*, 6(1), 6. <https://doi.org/10.19184/se.v6i1.39645>
- Janík, T., Slavík, J., Najvar, P., & Jirotková, D. (2020). The Same and the Different: On Semantization and Instrumentalization Practices in the (Maths) Classroom. *SAGE Open*, 10(3). <https://doi.org/10.1177/2158244020950380>
- Jariyah, F. A., Martinihani, M., Nasir, N., & Razak, I. P. (2024). Penerapan Diskusi Kelompok dalam Meningkatkan Keaktifan Belajar Siswa Kelas X.2 dalam Mata Pelajaran Sosiologi di SMAN 4 Maros. *Jurnal Motivasi Pendidikan Dan Bahasa*, 2(1), 103–109. <https://doi.org/10.59581/jmpb-widyakarya.v2i1.2665>
- Jayantika, I. G. A. N. T., & Santhika, K. Y. (2023). Implementation of Differentiate Learning To Improve Student Learning Outcomes in Mathematics Subject. *Indonesian Journal of Educational Development (IJED)*, 4(1), 67–75. <https://doi.org/10.59672/ijed.v4i1.2687>
- Kamarullah, K. (2017). Pendidikan Matematika Di Sekolah Kita. *Al Khawarizmi: Jurnal Pendidikan Dan Pembelajaran Matematika*, 1(1), 21. <https://doi.org/10.22373/jppm.v1i1.1729>
- Kamid, K., Kurniawan, D. A., & Nawahdani, A. M. (2022). Scientific Learning Model: Analytical Thinking and Process Skills in Mathematics. *Journal of Education Research and Evaluation*, 6(3), 238–249. <https://doi.org/10.23887/jere.v6i3.49159>
- Kemper, S., & Patrick. (2020). Homogeneous Grouping in Early Elementary Reading Instruction: The Challenge of Identifying Appropriate Comparisons and Examining Differential Associations between Grouping and Reading Growth. *Elementary School Journal*, 120(4), 611–635. <https://doi.org/10.1086/708666>
- Khairunnisa, H., Azrai, E. P., & Ristanto, R. H. (2022). The Correlation Between Critical Thinking Skills with Student Metacognitive Skills in Ecosystem Material. *Journal Of Biology Education*, 5(2), 130. <https://doi.org/10.21043/job.v5i2.12336>
- Kirk, M., Tytler, R., & White, P. (2023). Critical thinking in primary science through a guided inquiry pedagogy: A semiotic perspective. *Teachers and Teaching: Theory and Practice*. <https://doi.org/10.1080/13540602.2023.2191181>
- Kriswanto, M., & Fauzi, N. B. (2023). Inovasi Diferensiasi Produk dengan Metode Alih Wahana pada Materi Teks Laporan Hasil Observasi. *Diglosia: Jurnal Kajian Bahasa, Sastra, Dan Pengajarannya*, 6(1), 43–52. <https://doi.org/10.30872/diglosia.v6i1.535>
- Kurnia, T., & Aprison, W. (2024). Implementasi Kurikulum Merdeka Sebagai Upaya Meningkatkan Keterampilan Abad 21. 5(iii), 39–45. <https://ojs.co.id/1/index.php/jlpi/article/view/1097/1321>
- Kurniawati. (2023). *Matematika untuk SMA/MA/SMK Kelas X (Fase E)*. Mediatama.

- Kurniawati, D., & Ekayanti, A. (2020a). Pentingnya Berpikir Kritis Dalam Pembelajaran Matematika. *Jurnal Penelitian Tindakan Kelas Dan Pengembangan Pembelajaran*, 3(2), 112.
- Kurniawati, D., & Ekayanti, A. (2020b). Pentingnya Berpikir Kritis Dalam Pembelajaran Matematika. *Jurnal Penelitian Tindakan Kelas Dan Pengembangan Pembelajaran*, 3(2), 112.
- Leung, A., Fine, P., Blizard, R., Tonni, I., & Louca, C. (2021). Teacher feedback and student learning: A quantitative study. *European Journal of Dental Education*, 25(3), 600–606. <https://doi.org/10.1111/eje.12637>
- Livingston, J. (2003). *Metacognition: An Overview*.
- Lofthouse, R., & Cowie, K. (2018). *Joining the dots: Using lesson study to develop metacognitive teaching*. <https://eprints.leedsbeckett.ac.uk/id/eprint/5264/>
- López, F., Contreras, M., Nussbaum, M., Paredes, R., Gelerstein, D., Alvares, D., & Chiuminatto, P. (2023). Developing Critical Thinking in Technical and Vocational Education and Training. *Education Sciences*, 13(6). <https://doi.org/10.3390/educsci13060590>
- Lupita, L., & Hidajat, F. A. (2022). Desain Differentiated Instruction Pada Materi Statistika untuk Peserta Didik SMP: Alternatif Pembelajaran bagi Siswa Berbakat. *Griya Journal of Mathematics Education and Application*, 2(2), 388–400. <https://doi.org/10.29303/griya.v2i2.194>
- Maharjan, R. (2019). *Differentiated Instruction (Di) for Engaged Learning in Basic Level Mathematics Teaching*. May. <https://www.researchgate.net/profile/Rabi-Maharjan/publication/340789475>
- Marantika, J. E. R., Tomasouw, J., & Wenno, E. C. (2023). Implementasi Pembelajaran Berdiferensiasi Di Kelas. *German Für Gesellschaft (J-Gefüge)*, 2(1), 1–8. <https://doi.org/10.30598/jgefuege.2.1.1-8>
- Mardhatillah, M., & Suharyadi, S. (2023). Differentiated Instruction: Challenges and Opportunities in EFL Classroom. *Journal of English Language Teaching and Linguistics*, 8(1), 69. <https://doi.org/10.21462/jeltl.v8i1.1022>
- Maripjanova, G. G., & Mamyrbekova, A. K. (2023). *Development of Critical Thinking of Students in the Process of Organizing Chemical Experiments*. 2(128), 380–394. <https://doi.org/https://doi.org/10.47526/2023-2/2664-0686.30>
- Marlina. (2020). Strategi Pembelajaran Berdiferensiasi di Sekolah Inklusif. In *Padang: Afifa Utama*.
- Maulidia, F. R., & Prafitasari, A. N. (2023). Strategi Pembelajaran Berdiferensiasi Dalam Memenuhi Kebutuhan Belajar Peserta Didik. *ScienceEdu*, 6(1), 55. <https://doi.org/10.19184/se.v6i1.40019>
- Miles, Michael B., dan A. M. H. (2002). *Analisis Data Kualitatif*. UI Press.
- Mira Azizah , Joko Sulianto, N. C. (2022a). Analisis Keterampilan Berfikir Kritis Siswa Sekolah Dasar Pada Pembelajaran Matematika Kurikulum 2013. *Journal Scientific of Mandalika (JSM)*, 3(5), 362–366. <https://doi.org/10.36312/10.36312/vol3iss5pp362-366>
- Mira Azizah , Joko Sulianto, N. C. (2022b). Analisis Keterampilan Berfikir Kritis Siswa Sekolah Dasar Pada Pembelajaran Matematika Kurikulum 2013. *JOURNAL SCIENTIFIC OF MANDALIKA (JSM) e-ISSN 2745-5955 | p-ISSN 2809-0543*, 3(5), 362–366. <https://doi.org/10.36312/10.36312/vol3iss5pp362-366>

- Mirawati, I. G. A., Suwastini, N. K. A., Haryanti, N. D., & Jayantini, I. G. A. S. R. (2022). Differentiated Instructions: Relevant Studies on Its Implementation. *Prasi*, 17(1), 11–21. <https://doi.org/10.23887/prasi.v17i1.41867>
- Muhali, M., Sukaisih, R., & Asy'ari, M. (2020). Implementasi model reflective-metacognitive learning untuk meningkatkan kemampuan berpikir kritis, keterampilan metakognisi dan kesadaran metakognisi. *Empiricism Journal*, 1(2), 75–95. <https://doi.org/10.36312/ej.v1i2.337>
- Muhlisah, U., Misdaliana, M., & Kesumawati, N. (2023). Pengaruh Strategi Pembelajaran Berdiferensiasi Terhadap Kemampuan Berpikir Kritis dan Kreatif Matematis Siswa SMA. *Jurnal Cendekia: Jurnal ...*. <https://doi.org/https://doi.org/10.31004/cendekia.v7i3.2762>
- Mulbar, U. (2014). *Profil Metakognisi Siswa Dalam Pembelajaran Melalui Pendidikan Matematika Realistik*. 1991, 18–20.
- Munawwarah, M., Laili, N., & Tohir, M. (2020). Keterampilan Berpikir Kritis Mahasiswa Dalam Memecahkan Masalah Matematika Berdasarkan Keterampilan Abad 21. *Alifmatika: Jurnal Pendidikan Dan Pembelajaran Matematika*, 2(1), 37–58. <https://doi.org/10.35316/alifmatika.2020.v2i1.37-58>
- Murni, A. (2019). Metakognisi dalam pembelajaran matematika. *Jurnal Prinsip Pendidikan Matematika*. <https://jprinsip.ejournal.unri.ac.id/index.php/jpri/article/view/23>
- Musdalifah, M., Ismail, & Rahmawati. (2023). Optimalisasi Hasil Belajar Biologi Melalui Penerapan Jurnal Reflektif Terintegrasi Model Pembelajaran Berbasis Masalah Pada Materi Perubahan Lingkungan di SMA Negeri 11 Makassar. *Pemikiran Dan Pengembangan Pembelajaran*, 5(2), 41–47. <https://ejournal-jp3.com/index.php/Pendidikan/article/view/541/344>
- Nahmias, E., & Teicher, M. (2021). Improvement of Learning Skills in Geometry Incorporating a Metacognitive Learning Model in Boys Compared to Girls. *Journal of Education and Learning*, 10(5), 51. <https://doi.org/10.5539/jel.v10n5p51>
- Net, W. W. W. P. (2023). The Integration of Group Investigation and Reading, Questioning, Answering (GIRQA): An Instructional Model to Enhance Metacognition and Critical Thinking of Students in Science Classroom. *Pegeg Journal of Education and Instruction*, 13(4). <https://doi.org/10.47750/pegegog.13.04.26>
- Ni'mah, N. (2022). Analisis Indikator Berpikir Kritis Terhadap Karakter Rasa Ingin Tahu Dalam Kurikulum 2013. *Anterior Jurnal*, 22(Special-1), 118–125. <https://doi.org/10.33084/anterior.v22ispecial-1.3220>
- Novitasari, L. L. A., Suryanti, S., & Dwikorainingsih. (2024). Upaya Peningkatan Kemampuan Komunikasi Matematis Tulis dan Lisan Peserta Didik Melalui Model Pembelajaran Problem Based Learning (PBL) dengan Pendekatan Pembelajaran Berdiferensiasi Metode Diskusi. *Proceeding International Conference of Lesson Study*, 1, 485–501.
- Nuvitalia, D. (2014). Elemen Bernalar: Implikasi dan Akibat-akibat pada Indikator Mengantisipasi serta Mencari Solusi Terhadap Masalah Melalui Metakognisi. *Jurnal PHENOMENON*, 4, 43–50. <https://journal.walisongo.ac.id/index.php/Phenomenon/article/view/102/83>

- OCED. (2019). *PISA for Development Assessment and Analytical Framework*. OCED Publishing. <https://www.oecd.org/education/pisa-2018-assessment-and-analytical-framework-b25efab8-en.htm>
- Onyishi, C. N., & Sefotho, M. M. (2020). Teachers' perspectives on the use of differentiated instruction in inclusive classrooms: Implication for teacher education. *International Journal of Higher Education*, 9(6), 136–150. <https://doi.org/10.5430/ijhe.v9n6p136>
- Paris, S. G., & Winograd, P. (2001). *The Role of Self-Regulated Learning in Contextual Teaching: Principles and Practices for Teacher Preparation*. Department of Education.
- Paul, R., & Elder, L. (2014). *Critical Thinking*.
- Pintrich, P. R. (2002). *The Role of Metacognitive Knowledge in Learning, Teaching, and Assessing*. https://doi.org/https://doi.org/10.1207/s15430421tip4104_3
- Prastianti, A. P. T., Purwaningsih, W. I., & Maryam, I. (2022). Analisis Berpikir Kritis Matematis Siswa Pada Materi Statistika. *Jurnal Karya Pendidikan Matematika*. <https://doi.org/10.36526/tr.v6i2.2222>
- Pratiwi, S. D., & Wardani, K. W. (2024). Implementasi Pembelajaran Berdiferensiasi dengan Model Problem Based Learning (PBL) untuk Meningkatkan Kemampuan Berpikir Kritis Siswa pada Mata Pelajaran Matematika Kelas 5. 09. <https://doi.org/https://doi.org/10.23969/jp.v9i2.14497>
- Prihantoro, A., & Hidayat, F. (2019). Melakukan Penelitian Tindakan Kelas. 9, 49–60. <https://typeset.io/pdf/melakukan-penelitian-tindakan-kelas-4b9v4p8gxv.pdf>
- Purnomo, D., Nusantara, T., Subanji, S., & Rahardjo, S. (2017). The Characteristic of the Process of Students' Metacognition in Solving Calculus Problems. *International Education Studies*, 10(5), 13. <https://doi.org/10.5539/ies.v10n5p13>
- Petriv, G., & Koshyk, O. (2022). Methods of critical thinking development when studying history (on the example of detachabloed subdivision «Zalishchyky professional college named YE. Khraplyvy of National University Of Life And Environmental Sciences of Ukraine»). *Humanitarian Studios: Pedagogics, Psychology, Philosophy*, 13(4), 45–53. [https://doi.org/10.31548/hspedagog13\(4\).2022.45-53](https://doi.org/10.31548/hspedagog13(4).2022.45-53)
- Qodir, A. (2020). *Penilaian Pendidikan Dalam Penelitian Tindakan Kelas (PTK)* (Ngalimun, Ed.). Penerbit Parama Ilmu Yogyakarta.
- Qorib, M. (2024). Analysis the Impact of Differentiated Instruction on Critical Diversity Literacy in Inclusive Education. *Aksaqila International Humanities and Social Sciences [AIHSS] Journal*, 3(1), 1–19. <https://doi.org/10.30596/aihss.v3i1.502>
- Rehman, N., Zhang, W., Mahmood, A., Fareed, M. Z., & Batool, S. (2023). Fostering twenty-first century skills among primary school students through math project-based learning. *Humanities and Social Sciences Communications*, 10(1). <https://doi.org/10.1057/s41599-023-01914-5>
- Restu, N. K., Fathoni, K., & Indihadi, D. (2023). Penerapan Pembelajaran Berdiferensiasi untuk Meningkatkan Kemampuan Representasi Matematis

- Bilangan Pecahan Siswa Kelas IV SD. *Jurnal Elementaria Edukasia*, 6(2), 636–649. <https://doi.org/10.31949/jee.v6i2.5339>
- Rieser, S., Naumann, A., Decristan, J., Fauth, B., Klieme, E., & Büttner, G. (2016). The connection between teaching and learning: Linking teaching quality and metacognitive strategy use in primary school. *British Journal of Educational Psychology*, 86(4), 526–545. <https://doi.org/10.1111/bjep.12121>
- Rigianti, H. A. (2023). The Concept Of Differentiated Learning: Elementary School Learning Diversity Solution. *JURNAL PAJAR (Pendidikan Dan Pengajaran)*, 7(2), 285. <https://doi.org/10.33578/pjr.v7i2.8992>
- Rivas, S. F., Saiz, C., & Ossa, C. (2022). Metacognitive Strategies and Development of Critical Thinking in Higher Education. *Frontiers in Psychology*, 13(June). <https://doi.org/10.3389/fpsyg.2022.913219>
- Rosidah, U., Mudzanatun, & Nuvitalia, D. (2022). Analisis Gaya Belajar Siswa Kelas V Pada Pembelajaran Tematik Tema 1 Subtema 1 Sd Negeri Kalikalong 01 Pati. *Didaktik : Jurnal Ilmiah PGSD STKIP Subang*, 8(2), 1834–1843. <https://doi.org/10.36989/didaktik.v8i2.488>
- Rusandi, & Muhammad Rusli. (2021). Merancang Penelitian Kualitatif Dasar/Deskriptif dan Studi Kasus. *Al-Ubudiyah: Jurnal Pendidikan Dan Studi Islam*, 2(1), 48–60. <https://doi.org/10.55623/au.v2i1.18>
- Santos, A. O., Teixeira, C. B., & Oliveira, G. S. de. (2022). Reflexões Sobre Metacognição E Estratégias Metacognitivas No Ensino De Matemática: Algumas Indicações Sobre Suas Possibilidades Para a Aprendizagem. *Revista Augustus*, 30(57), 105–121. <https://doi.org/10.15202/19811896.2022v30n57p105>
- Saputra, H. (2020). Kemampuan Berfikir Kritis Matematis. *Perpustakaan IAI Agus Salim Metro Lampung*, 2(April), 1–7.
- Sari, F. B., & Risda Amini, M. (2020). Implementasi Pembelajaran Berdiferensiasi dalam Meningkatkan Hasil Belajar Mata Pelajaran PPKn Siswa SMP. 7(3), 3(2), 524–532. <https://journal.uir.ac.id/ajie/article/view/971>
- Sari, R. N., & Juandi, D. (2023). Improving Student's Critical Thinking Skills in Mathematics Education: A Systematic Literature Review. *Jurnal Cendekia : Jurnal Pendidikan Matematika*, 7(1), 845–861. <https://doi.org/10.31004/cendekia.v7i1.2091>
- Sarie, F. N. (2022). Implementasi Pembelajaran Berdiferensiasi dengan Model Problem Based Learning pada Siswa Sekolah Dasar Kelas VI. *Tunas Nusantara*. <https://doi.org/https://doi.org/10.34001/jtn.v4i2.3782>
- Sartika, I. (2019). Kemampuan Berpikir Kritis Dalam Pendekatan Matematika Realistik di Sekolah Dasar. *AR-RIAYAH : Jurnal Pendidikan Dasar*, 3(2), 101. <https://doi.org/10.29240/jpd.v3i2.1151>
- Schraw, G., Olafson, L., Weibel, M., & Sewing, D. (2012). Metacognitive knowledge and field-based science learning in an outdoor environmental education program. *Contemporary Trends and Issues in Science Education*, 40, 57–77. https://doi.org/10.1007/978-94-007-2132-6_4
- Seah, R. (2015). *Reasoning With Geometric Shapes*. 71(2), 4–11. https://82-109.aamt.edu.au/content/download/34312/490035/file/amt71_2_seah.pdf
- Seventika, S. Y., Sukestiyarno, Y. L., & Mariani, S. (2018). Critical thinking analysis based on Facione (2015) - Angelo (1995) logical mathematics

- material of vocational high school (VHS). *Journal of Physics: Conference Series*, 983(1). <https://doi.org/10.1088/1742-6596/983/1/012067>
- Shcherbytska, V., Pysmenna, I., & Goliak, V. (2022). Development of Students' Critical Thinking During Foreign Language Classes in Higher Education Institution. *Bulletin of Alfred Nobel University Series "Pedagogy and Psychology"*, 2(24), 72–79. <https://doi.org/10.32342/2522-4115-2022-2-24-7>
- Shogren, K. A., & Wehmeyer, M. L. (2017). Problem solving. *Development of Self-Determination Through the Life-Course*, 6(2), 251–260. https://doi.org/10.1007/978-94-024-1042-6_19
- Sianturi, R., & Astrilia, P. (2021). Analysis of Students' Critical Thinking Skills in Solving Trigonometric Problems. *Indo-MathEdu Intellectuals Journal*, 2(1), 01–11. <https://doi.org/10.54373/imeij.v2i1.21>
- Silaban, B., Br Surbakti, M., Simbolon, L. V., & Lase, L. M. (2023). Project-Based Learning With Differentiated Strategies in Growing Metacognition Skills of Junior High School Learners. *Jurnal Ilmu Pendidikan Indonesia*, 11(3), 151–167. <https://doi.org/10.31957/jipi.v11i3.3405>
- Silistraru, N., & Vetrila, S. (2023). *Metacognition as a component of intelligent behavior*. https://ibn.idsi.md/sites/default/files/imag_file/124-128_31.pdf
- Sinaga, C. H., Hutaaruk, A., Simanjuntak, R. M., & ... (2023). Implementasi Kurikulum Merdeka melalui Pembelajaran Berdiferensiasi Materi Analisis Data SMPN 4 Tanjung Morawa. *Jurnal Lentera*. <https://ojs.ummometro.ac.id/index.php/lentera/article/view/2667>
- Sirtheeratharadol, P., Tuntivivat, S., Intarakamhang, U. (2023). European Journal of Educational Research. *European Journal of Educational Research*, 12(2), 749–758.
- Sousa, D. A., & Tomlinson, C. A. (2011). *Differentiation and the Brain: How Neuroscience Supports the Learner-Friendly Classroom*. Solution Tree Press.
- Stancescu, I., Draghicescu, L. M., & Petrescu, A.-M. A. (2018). Metacognition - A Premise for a Qualitative Academic Learning. *Revista Romaneasca Pentru Educatie Multidimensionala*, 10(3), 91–102. <https://doi.org/10.18662/rrem/65>
- Sudjana, N. (2005). *Penilaian Hasil Proses Belajar Mengajar*. Remaja Rosdakarya.
- Sulistianingrum, E., Fauziati, E., Rohmah, W., & Muhibbin, A. (2023). Differentiated Learning : The Implementation of Student Sensory Learning Styles in Creating Differentiated Content. *Jurnal Paedagogy*, 10(2), 308. <https://doi.org/10.33394/jp.v10i2.7030>
- Sunaryo, Y. (2014). Model Pembelajaran Berbasis Masalah Untuk Meningkatkan Kemampuan Berpikir Kritis Dan Kreatif Matematik Siswa SMA Di Kota Tasikmalaya. *Jurnal Pendidikan Dan Keguruan*, 1. <http://www.ncbi.nlm.nih.gov/pubmed/25246403> <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=PMC4249520>
- Susandi, A. D. (2020). IDENTIFIKASI KEMAMPUAN BERPIKIR KRITIS DALAM MEMECAHKAN MASALAH MATEMATIKA. *SIGMA*, 6(1), 26. <https://doi.org/10.36513/sigma.v6i2.864>
- Sutama. (2015). *PENELITIAN TINDAKAN*. CV. Citra mandiri Utama.
- Sutama, S., Fuadi, D., Narimo, S., Hafida, S. H. N., Novitasari, M., Anif, S., Prayitno, H. J., Sunanih, S., & Adnan, M. (2022). Collaborative mathematics learning management: Critical thinking skills in problem solving.

- International Journal of Evaluation and Research in Education*, 11(3), 1015–1027. <https://doi.org/10.11591/ijere.v11i3.22193>
- Sutinah, C., & Ristiana, M. G. (2023). the Development of Assisted Worksheets Differentiation Learning Based on Learning Style: How Great It Can Help Students' Mathematical Understanding Ability? *Jurnal Cakrawala Pendas*, 9(2), 205–214. <https://doi.org/10.31949/jcp.v9i2.4541>
- Syaiful, Huda, N., Mukminin, A., & Kamid. (2022). Using a metacognitive learning approach to enhance students' critical thinking skills through mathematics education. *SN Social Sciences*, 2(4), 1–26. <https://doi.org/10.1007/s43545-022-00325-8>
- Taylor, B. K. (2015). Content, Process, and Product: Modeling Differentiated Instruction. *Kappa Delta Pi Record*, 51(1), 13–17. <https://doi.org/10.1080/00228958.2015.988559>
- Teguh, A. (2023). Pembelajaran Berdiferensiasi. *Mata Kuliah Inti Seminar Pendidikan Profesi Guru*, 2.
- Teng, M. F. (2023). *Cognitive Individual Differences in Second Language Acquisition*. <https://doi.org/https://doi.org/10.1515/9781614514749-009>
- Tezcan, T., & Temel, Z. F. (2023). An Investigation of Research on Differentiated Instruction Approach in Preschool Education Between 2005-2022. *Türk Akademik Yayınlar Dergisi*, 7(4), 998–1021. <https://doi.org/10.29329/tayjournal.2023.610.12>
- Thapliyal, M., Ahuja, N. J., Shankar, A., Cheng, X., & Kumar, M. (2022). A differentiated learning environment in domain model for learning disabled learners. *Journal of Computing in Higher Education*, 34(1), 60–82. <https://doi.org/10.1007/s12528-021-09278-y>
- Tomlinson, C. A. (2001). *How to Differentiate Instruction in Mixed-Ability Classrooms*. ASCD.
- Trifatmasari, M., Tri Oktoviana, L., & Dewi Puspitasari, E. (2023). Analysis of Student Learning Styles in Differentiation Learning. *KnE Social Sciences*, 202, 46–57. <https://doi.org/10.18502/kss.v8i10.13431>
- Türkmen, G. (2023). Çevrim İçi Öğrenme Ortamlarında Grup Üst Biliş Araştırmalarının Sistematiik İncelemesi. *Journal of Learning and Teaching in Digital Age*. <https://doi.org/10.53850/joltida.1369928>
- Ugliotti, F. M., Giaveno, S., Aschieri, D. L. D., & Osello, A. (2022). *Develop Critical Thinking From Freehand Drawing To Digital Processes*. 198–202. <https://doi.org/10.36315/2022v1end042>
- Ulger, K. (2018). The effect of problem-based learning on the creative thinking and critical thinking disposition of students in visual arts education. *Interdisciplinary Journal of Problem-Based Learning*, 12(1), 3–6. <https://doi.org/10.7771/1541-5015.1649>
- Uteeva, R., Yessingeldinov, B. T., & Smirnova, T. A. (2022). Assessment in Differentiated Learning in Mathematics Lessons. *Scientific Journals*, 4(73).
- van der Zanden, P. J. A. C., Denessen, E., Cillessen, A. H. N., & Meijer, P. C. (2020). Fostering critical thinking skills in secondary education to prepare students for university: teacher perceptions and practices. *Research in Post-Compulsory Education*, 25(4), 394–419. <https://doi.org/10.1080/13596748.2020.1846313>

- Van Velzen, J. (2015). Metacognitive learning: Advancing learning by developing general knowledge of the learning process. *Metacognitive Learning: Advancing Learning by Developing General Knowledge of the Learning Process*, 1–162. <https://doi.org/10.1007/978-3-319-24433-4>
- Varveris, D., Saltas, V., & Tsiantos, V. (2023). Exploring the Role of Metacognition in Measuring Students' Critical Thinking and Knowledge in Mathematics: A Comparative Study of Regression and Neural Networks. *Knowledge*, 3(3), 333–348. <https://doi.org/10.3390/knowledge3030023>
- Wang, G., Kang, Y., Jiao, Z., Chen, X., Zhen, Y., Zhang, D., & Su, M. (2022). Development and Application of Intelligent Assessment System for Metacognition in Learning Mathematics among Junior High School Students. *Sustainability (Switzerland)*, 14(10). <https://doi.org/10.3390/su14106278>
- Wang, H. (2023). How People Learn: Cognitive Monitoring. *Lecture Notes in Education Psychology and Public Media*, 6(1), 96–101. <https://doi.org/10.54254/2753-7048/6/20220189>
- Waskitoningtyas, R. S., & Susilo, G. (2020). Analisis Kemampuan Berpikir Kritis dalam Menyelesaikan Soal Metakognisi Mahasiswa Pendidikan Matematika Universitas Balikpapan. 6(1), 87–97. <https://doi.org/https://doi.org/10.33654/math.v6i1.928>
- Widiastuti, Y., Rani, A., & Wahyuni, S. (2023). Implementasi Dan Asesmen Pembelajaran Berdiferensiasi Pada Materi Anekdote Untuk Siswa SMA. *Semantik*. <http://www.e-journal.stkipsiliwangi.ac.id/index.php/semantik/article/view/3488>
- Zakiah, N. E. (2017). Metakognisi Dalam Pembelajaran Matematika: Apa, Mengapa Dan Bagaimana Pengembangannya? *Inspiramatika*, 3(1), 24–35. <https://doi.org/https://doi.org/10.52166/inspiramatika.v3i1.192>
- Zhurbenko, N. L., Sheypak, O. A., & Sudilina, E. V. (2023). Development of critical thinking skills of students of non-linguistic specialties. *Vestnik of Samara University. History, Pedagogics, Philology*, 29(2), 93–98. <https://doi.org/10.18287/2542-0445-2023-29-2-93-98>