

## DAFTAR PUSTAKA

- Afandi, M. (2014). Pentingnya Penelitian Tindakan Kelas Bagi Guru dalam Pembelajaran di Sekolah Dasar. *Jurnal Ilmiah Pendidikan Dasar*, 1(1), 1–19. <https://doi.org/10.30659/pendas.1.1.1-19>
- Anasrudin, Misu, L., & Ndia, L. (2014). Efektivitas Pendekatan Realistic Mathematics Education (RME) terhadap Kemampuan Komunikasi Matematik Siswa Kelas VII SMP Negeri 7 Kendari. *Jurnal Penelitian Pendidikan Matematika*, 2(2), 1–18. <https://ojs.uho.ac.id/index.php/JPPM/article/view/3091>
- Andini, S. R., & Fitria, Y. (2021). Pengaruh Model RADEC pada Pembelajaran Tematik terhadap Hasil Belajar Peserta Didik Sekolah Dasar. *Jurnal Basicedu*, 5(3), 1435–1443. <https://doi.org/10.31004/basicedu.v5i3.960>
- Andrianingsih, R., & Mustika, D. (2022). Pemanfaatan Internet sebagai Sumber Belajar Siswa di Kelas Rendah Sekolah Dasar. *Jurnal Obsesi: Jurnal Pendidikan Anak Usia Dini*, 6(6), 6164–6172. <https://doi.org/10.31004/obsesi.v6i6.3388>
- Apiati, V., & Hermanto, R. (2020). Kemampuan Berpikir Kritis Peserta Didik dalam Memecahkan Masalah Matematik Berdasarkan Gaya Belajar. *Mosharafa: Jurnal Pendidikan Matematika*, 9(1), 167–178. <https://doi.org/10.31980/mosharafa.v9i1.630>
- Ariga, S. (2022). Implementasi Kurikulum Merdeka Pasca Pandemi COVID-19. *Edu Society: Jurnal Pendidikan, Ilmu Sosial, dan Pengabdian Kepada Masyarakat*, 2(2), 662–670. <https://doi.org/10.56832/edu.v2i2.225>
- Astuti, P. (2018). Kemampuan Literasi Matematika dan Kemampuan Berpikir Tingkat Tinggi. *PRISMA, Prosiding Seminar Nasional Matematika*, 1, 263–268. <https://journal.unnes.ac.id/sju/index.php/prisma/>
- Astuti, & Sari, N. (2017). Pengembangan Lembar Kerja Siswa (LKS) pada Mata Pelajaran Matematika Siswa Kelas X SMA. *Jurnal Cendekia: Jurnal Pendidikan Matematika*, 1(2), 13–24. <https://staff.universitaspahlawan.ac.id/upload/publikasi/260-lampiran.pdf>
- Astutik, D. H. (2018). Pengembangan Literasi Matematika Sekolah dalam Perspektif Logical Reasoning. *PRISMA: Prosiding Seminar Nasional Matematika*, 870–875. <https://journal.unnes.ac.id/sju/index.php/prisma/>
- Atikah, H. F., Sarifah, I., & Yudha, C. B. (2024). Analisis Kemampuan Literasi Matematika dalam Pandangan PISA 2022. *Literasi: Jurnal Ilmu Pendidikan*, XV(2), 152–161.

- Ayustina, S., & Ahmad, S. (2020). Pengaruh Model Polya terhadap Hasil Belajar Soal Cerita di Sekolah Dasar. *Jurnal Pendidikan Tambusai*, 4(3), 2768–2778. <https://doi.org/10.31004/jptam.v4i3.772>
- Barrett, A., Kajamaa, A., & Johnston, J. (2020). How to ... be reflexive when conducting qualitative research. *The Clinical Teacher*, 17(1), 9–12. <https://doi.org/10.1111/tct.13133>
- Bazeley, P. (2015). Mixed Methods in Management Research. *Journal of Business research Methods*, 133–136. <https://doi.org/10.4135/9780857020109.n63>
- Biswal, A., & Raipure, K. (2020). Fostering Productive Thinking Among Elementary School Students Through FIESI Model. *Issues and Ideas in Education*, 8(2), 77–85. <https://doi.org/10.15415/iee.2020.82008>
- Bolstad, O. H. (2020). Secondary Teachers' Operationalisation of Mathematical Literacy. *European Journal of Science and Mathematics Education*, 8(3), 115–135. <https://doi.org/10.30935/scimath/9551>
- Burns, A. (2010). Doing Action Research in English Language Teaching: A Guide for Practitioners. In *Doing Action Research in English Language Teaching* (1st Editio). Routledge (Taylor & Francis Group). <https://doi.org/10.4324/9780203863466>
- Creswell, J. W., & Clark, V. L. P. (2011). Mixed Methods Research. In *Designing and Conducting Mixed Methods Research* (hal. 148). SAGE Publications. [https://books.google.co.id/books?id=6tYNo0UpEqkC&printsec=frontcover&hl=id&source=gbs\\_vpt\\_read#v=onepage&q&f=false](https://books.google.co.id/books?id=6tYNo0UpEqkC&printsec=frontcover&hl=id&source=gbs_vpt_read#v=onepage&q&f=false)
- Creswell, J. W., & Creswell, J. D. (2018). Research Design: Qualitative, Quantitative, and Mixed Methods Approaches. In *Writing Center Talk over Time* (Fifth Edit). SAGE Publications. <https://doi.org/10.4324/9780429469237-3>
- Dinni, H. N. (2018). HOTS (High Order Thinking Skills) dan Kaitannya dengan Kemampuan Literasi Matematika. *PRISMA, Prosiding Seminar Nasional Matematika*, 1, 170–176. <https://journal.unnes.ac.id/sju/index.php/prisma/article/view/19597>
- Dores, O. J., Wibowo, D. C., & Susanti, S. (2020). Analisis Kemampuan Berpikir Kritis Siswa pada Mata Pelajaran Matematika. *J-PiMat: Jurnal Pendidikan Matematika*, 2(2), 242–254. <https://doi.org/10.31932/j-pimat.v2i2.889>
- Duron, R., Limbach, B., & Waugh, W. (2006). Critical Thinking Framework for Any Discipline. *International Journal of Teaching and Learning in Higher Education*, 17(2), 160–166. <https://focionline.wordpress.com/wp->

content/uploads/2014/05/critical-thinking-framework-for-any-discipline.pdf

- Ennis, R. H. (1985). A Logical Basis for Measuring Critical Thinking Skills. *Educational Leadership*, 43(2), 44–48. <https://jgregorymcverry.com/readings/ennis1985assessingcriticalthinking.pdf>
- Ennis, R. H. (1993). Critical Thinking Assessment. *Theory Into Practice*, 32(3), 179–186. <https://doi.org/10.1080/00405849309543594>
- Ennis, R. H. (1996). Critical Thinking Dispositions: Their Nature and Assessability. *Informal Logic*, 18(2 & 3), 165–182. <https://doi.org/10.22329/il.v18i2.2378>
- Facione, P. A. (2015). Critical Thinking: What it is and Why it Counts. In *Measured Reasons and Insight Assessment* (Vol. 5, Nomor 1). Measured Reasons and Insight Assessment.
- Fariha, N. F., Marlina, M., & Ayuningtyas, V. (2024). Pengaruh Model Pembelajaran RADEC terhadap Kemampuan Literasi Matematis dan Keaktifan Siswa. *Jurnal Indopedia (Inovasi Pembelajaran dan Pendidikan)*, 2(2), 388–399. <https://indopediajurnal.my.id/index.php/jurnal/article/view/316/201>
- Fatikhin, A. C., Budiyanto, M., & Qosyim, A. (2024). Persepsi Siswa terhadap Model Pembelajaran RADEC dalam Meningkatkan Kemampuan Berpikir Kritis di SMP. *Jurnal Penelitian Pendidikan Matematika Dan Sains*, 8(1), 7–11. <https://doi.org/10.26740/jppms.v8n1.p7-11>
- Fisher, A. (2011). *Critical Thinking An Introduction*. Cambridge University Press. <https://books.google.co.id/books?id=wMhBQ0WdjF4C&printsec=copyright&hl=id#v=onepage&q&f=false>
- Girsang, B., Ayu, E., Sinaga, L., Tamba, P. G., Sihombing, I., & Siahaan, F. B. (2022). Analisis Kemampuan Berpikir Kritis Siswa dengan Model Program for International Student Assesment (PISA) Konten Quantitiy pada Materi Himpunan di Kelas VII SMP HKBP Sidorame Medan. *SEPREN: Journal of Mathematics Education and Applied*, 172–180. <https://doi.org/10.36655/sepren.v4i0.822>
- Glazer, E. (2001). Using Internet Primary Sources to Teach Critical Thinking Skills in Mathematics. In *Using Internet Primary Sources to Teach Critical Thinking Skills in Mathematics*. Greenwood Press. <https://doi.org/10.5040/9798216031314.0001>
- Guslisnawati, Marsigit, & Mulyana, A. (2024). The Effect of The Read, Answer, Discuss, Explain, and Create Learning Model Based on an STEM Approach Assisted by Autograph Oriented to Students' Mathematical Literacy Ability.

*BAREKENG: Journal of Mathematics and Its Applications*, 18(3), 1695–1704.  
<https://doi.org/10.30598/barekengvol18iss3pp1695-1704>

Habibi, Triyana, I. W., & Kurniawati, Y. (2020). Analisis Berpikir Kritis Matematis Siswa SMP Ditinjau dari Gaya Kognitif Visualizer dan Verbalizer. *Indonesian Journal of Mathematics and Natural Science Education*, 1(2), 99–110.  
<https://doi.org/10.35719/mass.v1i2.34>

Hanaris, F. (2023). Peran Guru dalam Meningkatkan Motivasi Belajar Siswa: Strategi dan Pendekatan yang Efektif. *JKPP (Jurnal Kajian Pendidikan dan Psikologi)*, 1(1), 1–11. <https://doi.org/10.61397/jkpp.v1i1.9>

Handayani, H., Sopandi, W., Syaodih, E., Setiawan, D., & Suhendra, I. (2019). Dampak Perlakuan Model Pembelajaran Radek Bagi Calon Guru Terhadap Kemampuan Merencanakan Pembelajaran Di Sekolah Dasar. *Pendas : Jurnal Ilmiah Pendidikan Dasar*, 4(1), 79–93. <https://doi.org/10.23969/jp.v4i1.1857>

Hanum, A., Mujib, A., & Firmansyah. (2020). Literasi Matematis Siswa Menggunakan Etnomatematika Gordang Sambilan. *Jurnal Ilmiah Pendidikan Matematika*, 5(2), 173–184. <https://doi.org/10.26877/jipmat.v5i2.6777>

Hidayanti, D., As'ari, A. R., & Chandra, T. D. (2016). Analisis Kemampuan Berpikir Kritis Siswa SMP Kelas IX Pada Materi Kesebangunan. *Konferensi Nasional Penelitian Matematika dan Pembelajarannya (KNPMP I)*, 276–285. <https://proceedings.ums.ac.id/KNPMP/article/view/2490/2444>

Hopkins, D. (2008). *A Teacher's Guide to Classroom Research*. Open University Press.

Inkiriwang, R. R., Singal, R., & Roeroe, J. V. (2020). Kewajiban Negara dalam Penyediaan Fasilitas Pendidikan Kepada Masyarakat Menurut Undang-Undang Nomor 20 Tahun 2003 Tentang Sistem Pendidikan Nasional. *Lex Privatum*, VIII(2), 143–153. <https://ejournal.unsrat.ac.id/index.php/lexprivatum/article/view/29792>

Isnaniah, Charles, Imamuddin, M., Syahrul, & Zulmuqim. (2021). Kemampuan Literasi Matematika Siswa Berdasarkan Gender. *Lattice Journal : Journal of Mathematics Education and Applied*, 1(2), 131–137. <https://doi.org/10.30983/lattice.v1i2.5088>

Johnson, R. B., Onwuegbuzie, A. J., & Turner, L. A. (2007). Toward a Definition of Mixed Methods Research. *Journal of Mixed Methods Research*, 1(2), 112–133. <https://doi.org/10.1177/1558689806298224>

Kaiser, G., & Willander, T. (2005). Development of Mathematical Literacy: Results of An Empirical Study. *Teaching Mathematics and its Applications*, 24(2–3),

48–60. <https://doi.org/10.1093/teamat/hri016>

- Kemmis, S., & McTaggart, R. (1988). *Lecturas The Action Research Planner*. In *The Action Research Planner* (3rd editio). Deakin University Press.
- Khaerunisak, Kartono, Hidayah, I., & Fahmi, A. Y. (2017). The Analysis of Diagnostic Assesment Result in PISA Mathematical Literacy Based on Students Self-Efficacy in RME Learning. *Infinity Journal*, 6(1), 77–94. <https://doi.org/10.22460/infinity.v6i1.236>
- Kharizmi, M. (2015). Kesulitan Siswa Sekolah Dasar dalam Meningkatkan Kemampuan Literasi. *Jupendas: Jurnal Pendidikan Dasar*, 2(2), 11–21. <http://jfkkip.umuslim.ac.id/index.php/jupendas/article/view/233>
- Khotimah, H. (2021). Perkembangan Literasi Matematika di Indonesia. *Prosiding Seminar Nasional Pendidikan Matematika Universitas Mulawarman*, 1, 1–10. <https://jurnal.fkip.unmul.ac.id/index.php/psnpm/article/view/1033>
- Kurniawan, R., & Djidu, H. (2021). Kemampuan Literasi Matematis Siswa: Sebuah Studi Literatur. *EDUMATIC: Jurnal Pendidikan Matematika*, 2(1), 24–30. <https://doi.org/10.21137/edumatic.v2i01.468>
- Kusmiarti, R., & Hamzah, S. (2019). Literasi dalam Pembelajaran Bahasa Indonesia di Era Industri 4.0. *Prosiding Seminar Nasional Bulan Bahasa (Semiba)*, 211–222. <https://ejournal.unib.ac.id/index.php/semiba/article/view/10300>
- Kusumawardani, D. R., Wardono, & Kartono. (2018). Pentingnya Penalaran Matematika dalam Meningkatkan Kemampuan Literasi Matematika. *PRISMA, Prosiding Seminar Nasional Matematika*, 1, 588–595. <https://journal.unnes.ac.id/sju/prisma/article/view/20201>
- Lafendy, F. (2023). Urgensi Penelitian Tindakan Kelas dalam Lingkup Pendidikan. *Tarbawi: Jurnal Pendidikan dan Pemikiran Islam*, 6(2), 142–150. <https://doi.org/10.51476/tarbawi.v6i2.520>
- Lau, J. Y. F. (2011). *An Introduction to Critical Thinking and Creativity: Think More, Think Better*. In *Sustainability (Switzerland)* (Vol. 11, Nomor 1). John Wiley & Sons. <http://www.hostgator.co.in/files/writeable/uploads/hostgator12628/file/introductiontocriticalthinkingandcreativity.pdf>
- Liana, D. (2020). Berpikir Kritis melalui Pendekatan Saintifik. *MITRA PGMI: Jurnal Kependidikan MI*, 6(1), 15–27. <https://doi.org/10.46963/mpgmi.v6i1.92>

- Machali, I. (2022). Bagaimana Melakukan Penelitian Tindakan Kelas Bagi Guru? *Indonesian Journal of Action Research*, 1(2), 315–327. <https://doi.org/10.14421/ijar.2022.12-21>
- Madyaratri, D. Y., Wardono, & Prasetyo, A. P. B. (2019). Kemampuan Literasi Matematika Siswa pada Pembelajaran Problem Based Learning dengan Tinjauan Gaya Belajar. *Prisma, Prosiding Seminar Nasional Matematika*, 2, 648–658. <https://journal.unnes.ac.id/sju/index.php/prisma/article/view/29213>
- Mahdianysah, & Rahmawati. (2014). Literasi Matematika Siswa Pendidikan Menengah: Analisis Menggunakan Desain Tes Internasional dengan Konteks Indonesia. *Jurnal Pendidikan dan Kebudayaan*, 20(4), 452–469. <https://doi.org/10.24832/jpnk.v20i4.158>
- Malasari, P. N., Herman, T., & Jupri, A. (2017). The Construction of Mathematical Literacy Problems for Geometry. *Journal of Physics: Conference Series*, 895(1), 1–7. <https://doi.org/10.1088/1742-6596/895/1/012071>
- Maryani, N., & Widjajanti, D. B. (2020). Mathematical Literacy: How to Improve it Using Contextual Teaching and Learning Method? *Journal of Physics: Conference Series*, 1581(1), 1–7. <https://doi.org/10.1088/1742-6596/1581/1/012044>
- Masfufah, R., & Afriansyah, E. A. (2021). Analisis Kemampuan Literasi Matematis Siswa melalui Soal PISA. *Mosharafa: Jurnal Pendidikan Matematika*, 10(2), 291–300. <https://doi.org/10.31980/mosharafa.v10i2.662>
- Masjaya, & Wardono. (2018). Pentingnya Kemampuan Literasi Matematika untuk Menumbuhkan Kemampuan Koneksi Matematika dalam Meningkatkan SDM. *PRISMA, Prosiding Seminar Nasional Matematika*, 1, 568–574. <https://journal.unnes.ac.id/sju/prisma/article/view/20196>
- Maslihah, S., Waluya, S. B., Rochmad, & Suyitno, A. (2020). The Role of Mathematical Literacy to Improve High Order Thinking Skills. *Journal of Physics: Conference Series*, 1539(1), 1–6. <https://doi.org/10.1088/1742-6596/1539/1/012085>
- Maspupah, A., & Purnama, A. (2020). Analisis Kesulitan Siswa MTs Kelas VIII dalam Menyelesaikan Soal Cerita Sistem Persamaan Linear Dua Variabel (SPLDV) Ditinjau dari Perbedaan Gender. *Jurnal Cendekia: Jurnal Pendidikan Matematika*, 4(1), 237–246. <https://doi.org/10.31004/cendekia.v4i1.193>
- McCabe, K. J. (2001). Mathematics in Our Schools: An Effort to Improve Mathematics Literacy [California State University]. In *UMI*. <https://www.proquest.com/openview/0005d69ee772582c61d8f3707edf8598/>

1?pq-origsite=gscholar&cbl=18750&diss=y

- Mekarisce, A. A. (2020). Teknik Pemeriksaan Keabsahan Data pada Penelitian Kualitatif di Bidang Kesehatan Masyarakat. *Jurnal Ilmiah Kesehatan Masyarakat*, 12(3), 145–151. <https://doi.org/10.52022/jikm.v12i3.102>
- Mercer, N. (2010). The Analysis of Classroom Talk: Methods and Methodologies. *British Journal of Educational Psychology*, 80(1), 1–14. <https://doi.org/10.1348/000709909X479853>
- Miles, M. B., & Huberman, A. M. (1994). Qualitative Data Analysis Second Edition. In *CEUR Workshop Proceedings* (Second). SAGE Publications.
- Murdiyani, N. M. (2018). Developing Non-Routine Problems for Assessing Students' Mathematical Literacy. *Journal of Physics: Conference Series*, 983(1). <https://doi.org/10.1088/1742-6596/983/1/012115>
- Novtiar, C., & Aripin, U. (2017). Meningkatkan Kemampuan Berpikir Kritis Matematis dan Kepercayaan Diri Siswa SMP Melalui Pendekatan Open Ended. *Prisma*, 6(2), 119–131. <https://doi.org/10.35194/jp.v6i2.122>
- Nugraha, P. A. (2015). *Super Trik Matematika Dahsyat SMP*. Forum Edukasi.
- Nurfajriani, W. V., Ilhami, M. W., Mahendra, A., Sirodj, R. A., & Afgani, M. W. (2024). Triangulasi Data dalam Analisis Data Kualitatif. *Jurnal Ilmiah Wahana Pendidikan*, 10(17), 826–833. <https://doi.org/10.5281/zenodo.13929272>
- Nurliana, & Sukmawati, W. (2023). Stacking Analysis on The Application of The RADEC Model to The Creativity of Fifth Grade Elementary School Students on Water Cycle Material. *Jurnal Penelitian Pendidikan IPA*, 9(8), 5964–5970. <https://doi.org/10.29303/jppipa.v9i8.3951>
- Nurlina, Sutrisno, & Nursiah. (2024). Pengaruh Metode Pemberian Tugas Variatif dengan Model Kooperatif Tipe Numbered Head Together (NHT) terhadap Hasil Belajar Kognitif Peserta Didik XI IPA. *Jurnal Fisika dan Pembelajarannya (PHYDAGOGIC)*, 7(1), 79–86. <https://doi.org/10.31605/phy.v7i1.4326>
- Nuryanti, L., Zubaidah, S., & Diantoro, M. (2018). Analisis Kemampuan Berpikir Kritis Siswa SMP. *Jurnal Pendidikan: Teori, Penelitian, dan Pengembangan*, 3(2), 155–158. <https://www.researchgate.net/publication/325246731%0AAnalisis>
- OECD. (2018). *PISA 2018 Results (Volume I): What Students Know and Can Do: Vol. I*. <https://doi.org/10.1787/5f07c754-en>

- Ojose, B. (2011). Mathematics Literacy: Are We Able to Put The Mathematics We Learn Into Everyday Use? *Journal Of Mathematics Education*, 4(1), 89–100. <https://scispace.com/pdf/mathematics-literacy-are-we-able-to-put-the-mathematics-we-laxrbwuj0c.pdf>
- Oktiningrum, W., Zulkardi, & Hartono, Y. (2016). Developing PISA-Like Mathematics Task with Indonesia Natural and Cultural Heritage as Context to Assess Students Mathematical Literacy. *Journal on Mathematics Education*, 7(1), 1–9. <https://doi.org/10.22342/jme.7.1.2812.1-8>
- Pakpahan, R. (2016). Faktor-Faktor yang Mempengaruhi Capaian Literasi Matematika Siswa Indonesia dalam PISA 2012. *Jurnal Pendidikan dan Kebudayaan*, 1(3), 331–348.
- Pambudi, R. E., Soekirno, S., Prihastari, E. B., Keguruan, F., Slamet, U., & Surakarta, R. (2020). Pengaruh Aktivitas Literasi Matematika terhadap Kemampuan Berpikir Kritis Kelas IV. *Jurnal Sinektik*, 3(1), 75–86. <https://doi.org/10.33061/js.v3i1.3764>
- Paul, R., & Elder, L. (1996). *Using Intellectual Standard to Assess Student Reasoning*. <http://www.criticalthinking.org/pages/using-intellectual-standards-to-assess-student-reasoning/602>
- Pertiwi, W. (2018). Analisis Kemampuan Berpikir Kritis Matematis Peserta Didik SMK pada Materi Matriks. *Jurnal Pendidikan Tambusai*, 2(4), 821–831. <https://jptam.org/index.php/jptam/article/view/29>
- Phan, H. P. (2010). Critical Thinking As A Self-Regulatory Process Component in Teaching and Learning. *Psicothema*, 22(2), 284–292. <https://www.redalyc.org/pdf/727/72712496017.pdf>
- Poernomo, E., Kurniawati, L., & Atiqoh, K. S. N. (2021). Studi Literasi Matematis. *ALGORITMA: Journal of Mathematics Education (AJME)*, 3(1), 83–100. <https://doi.org/10.15408/ajme.v3i1.20479>
- Pohan, A. A., Abidin, Y., & Sastromiharjo, A. (2020). Model Pembelajaran RADEC dalam Pembelajaran Membaca Pemahaman Siswa. *Seminar Internasional Riksa Bahasa XIV*, 496, 250–258. <https://proceedings.upi.edu/index.php/riksabahasa/article/view/1354/1231>
- Prabawati, M. N., Herman, T., & Turmudi. (2019). Pengembangan Lembar Kerja Siswa Berbasis Masalah dengan Strategi Heuristic untuk Meningkatkan Kemampuan Literasi Matematis. *Mosharafa: Jurnal Pendidikan Matematika*, 8(1), 37–48. <https://doi.org/10.31980/mosharafa.v8i1.533>
- Pradana, L. N., Sholikhah, O. H., Maharani, S., & Kholid, M. N. (2020). Virtual

- Mathematics Kits (VMK): Connecting Digital Media to Mathematical Literacy. *International Journal of Emerging Technologies in Learning (IJET)*, 15(3), 234–241. <https://doi.org/10.3991/ijet.v15i03.11674>
- Pratama, Y. A., Sopandi, W., Hidayah, Y., & Trihastuti, M. (2020). Pengaruh Model Pembelajaran RADEC terhadap Keterampilan Berpikir Tingkat Tinggi Siswa Sekolah Dasar. *JINoP (Jurnal Inovasi Pembelajaran)*, 6(2), 191–203. <https://doi.org/10.22219/jinop.v6i2.12653>
- Pratiwi, W., Hidayat, S., & Suherman. (2023). Kurikulum Merdeka Sebagai Kurikulum Masa Kini. *JTPPm (Jurnal Teknologi Pendidikan dan Pembelajaran)*, 10(1), 80–90. <https://doi.org/10.62870/jtppm.v10i1.21407>
- Prayitno, L. L., Sulistyawati, I., & Wardani, I. S. (2016). Profil Kemampuan Berpikir Kritis Siswa SD di Kecamatan Bulak. *JPDN: Jurnal Pendidikan Dasar Nusantara*, 1(2), 67–74. <https://osf.io/preprints/inarxiv/adxkz/download>
- Prihantoro, A., & Hidayat, F. (2019). Melakukan Penelitian Tindakan Kelas. *Ulumuddin: Jurnal Ilmu-ilmu Keislaman*, 9(1), 49–60. <https://doi.org/10.47200/ulumuddin.v9i1.283>
- Purnaningsih, I., & Zulkarnaen, R. (2022). Identifikasi Faktor Penyebab Kemampuan Berpikir Kritis Matematis pada Siswa Kelas VIII. *Teorema: Teori dan Riset Matematika*, 7(2), 291–302. <https://doi.org/10.25157/teorema.v7i2.7185>
- Putri, R. A., & Zayyinah. (2019). Analisis Pemanfaatan Proses Penjernihan Air Menggunakan Ekstrak Biji Kelor (*Moringa oleifera*) sebagai Sumber Belajar untuk Melatih Berpikir Evaluatif. 86–95. <https://conference.trunojoyo.ac.id/pub/senco/article/view/795/802>
- Rahma, N. A., Sugilar, H., & Suprianti, D. (2024). Peran Literasi Matematika pada Kemampuan Berpikir Kritis Siswa. *Jurnal Analisa*, 10(2), 116–126. <https://doi.org/10.15575/ja.v10i2.40262>
- Rahmadani, A., Wandini, R. R., Dewi, A., Zairima, E., & Putri, T. D. (2022). Upaya Meningkatkan Berpikir Kritis dan Mengefektifkan Pendekatan Kontekstual dalam Pembelajaran Matematika Efforts to Improve Critical Thinking and Effective Contextual Approaches in Mathematics Learning. *Edu Society: Jurnal Pendidikan, Ilmu Sosial, dan Pengabdian Kepada Masyarakat*, 2(1), 427–433. <https://doi.org/10.56832/edu.v2i1.167>
- Ramadini, R., Murniviyanti, L., & Fakhruddin, A. (2021). Efektivitas Model Pembelajaran RADEC terhadap Kemampuan Menulis Teks Eksplanasi Siswa di SD Negeri 06 Payung. *Edumaspul: Jurnal Pendidikan*, 5(2), 99–104.

<http://dx.doi.org/10.33487/edumaspul.v5i2.1647>

- Rohmah, A., Rosita, M. D., Fatimah, E. R., & Wahyuni, I. (2023). Analisis Kemampuan Berpikir Kritis Siswa Kelas VII SMP dalam Menyelesaikan Soal Cerita Materi Segitiga. *Jurnal Inovasi Pembelajaran Matematika: PowerMathEdu (PME)*, 02(02), 175–184. <https://doi.org/10.31980/pme.v2i2.1419>
- Romadon, B. (2019). Penguatan Pendidikan Matematika dalam Menunjang Persiapan SDM yang Unggul Menuju Indonesia Maju. *Seminar Nasional Pendidikan Matematika*, 15–22. <https://journal.um-surabaya.ac.id/Pro/article/view/4337>
- Rosselyne, Salsabila, E., & Hidajat, F. A. (2024). Analisis Kebutuhan Soal Literasi Matematika Berbasis Pemikiran Tingkat Tinggi untuk Siswa SMA. *JRIP: Jurnal Riset dan Inovasi Pembelajaran*, 4(2), 880–893. <https://doi.org/10.51574/jrip.v4i2.1810>
- Rusmining, & Mahmudah, K. R. (2024). Integrasi Kemampuan Berpikir Kritis dalam Perspektif Kemampuan Literasi Matematika. *Histogram: Jurnal Pendidikan Matematika*, 8(1), 14–24. <https://doi.org/10.31100/histogram.v8i1.3313>
- Santrock, J. W. (2008). Psikologi Pendidikan. In *Jakarta Kencana* (Kedua).
- Sari, A. D., Noer, S. H., & Asmiati. (2020). Pengembangan Model Creative Problem Solving (CPS) untuk Meningkatkan Kemampuan Berpikir Reflektif Siswa. *Jurnal Cendekia: Jurnal Pendidikan Matematika*, 4(2), 1115–1128. <https://doi.org/10.31004/cendekia.v4i2.318>
- Sari, P. P., & Lestari, D. A. (2020). Analisis Kesulitan Siswa SMP dalam Menyelesaikan Soal Cerita pada Materi Sistem Persamaan Linear Dua Variabel. *Jurnal Cendekia: Jurnal Pendidikan Matematika*, 4(1), 286–293. <https://j-cup.org/index.php/cendekia/article/view/181/139>
- Sari, R. H. N., & Wijaya, A. (2017). Mathematical Literacy of Senior High School Students in Yogyakarta. *Jurnal Riset Pendidikan Matematika*, 4(1), 100–107. <https://doi.org/10.21831/jrpm.v4i1.10649>
- Satria, E., & Sopandi, W. (2019). *Applying RADEC Model in Science Learning to Promoting Students' Critical Thinking in Elementary School*. 1–8. <https://doi.org/10.1088/1742-6596/1321/3/032102>
- Selan, M., Daniel, F., & Babys, U. (2020). Analisis Kemampuan Literasi Matematis Siswa dalam Menyelesaikan Soal PISA Konten Change and Relationship. *AKSIOMA: Jurnal Matematika dan Pendidikan Matematika*, 11(2), 335–345.

<https://doi.org/10.26877/aks.v1i1i2.6256%0A>

- Setiowati, E., Hadi, S., Ulfa, M., Dainuri, A., Sholeh, F., Surur, M., & Munawwir, Z. (2024). Analisis Kemampuan Literasi Matematika dalam Meningkatkan Kemampuan Berpikir Kritis Siswa. *Jurnal Kajian Penelitian Pendidikan dan Kebudayaan (JKPPK)*, 2(2), 55–68. <https://doi.org/10.59031/jkppk.v2i2.321>
- Snyder, L. G., & Snyder, M. J. (2008). Teaching Critical Thinking and Problem Solving Skills. *The Delta Pi Epsilon Journal*, 50(2), 90–99. <https://dme.childrenshospital.org/wp-content/uploads/2019/02/Optional-Teaching-Critical-Thinking-and-Problem-Solving-Skills.pdf>
- Sopandi, W. (2021). *Model Pembelajaran RADEC: Teori dan Implementasi di Sekolah*. UPI Press.
- Stacey, K. (2011). The PISA View of Mathematical Literacy in Indonesia. *IndoMS: Journal on Mathematics Education*, 2(2), 95–126. <https://files.eric.ed.gov/fulltext/EJ1078641.pdf>
- Stobaugh, R. (2013). Assessing Critical Thinking in Middle and High Schools. In *Routledge*. <https://doi.org/10.4324/9781315853451>
- Sugiyono. (2013). *Metode Penelitian Pendidikan Pendekatan Kuantitatif, Kualitatif dan R&D*. Alfabeta.
- Sugiyono. (2023). *Metode Penelitian Kualitatif untuk Penelitian yang Bersifat: Eksploratif, Enterpretif, Interaktif, dan Konstruktif*. Alfabeta.
- Sukardi, R. ., Sopandi, W., & Riandi, R. (2021). Repackaging RADEC Learning Model into The Online Mode in Science Class Repackaging RADEC Learning Model into The Online Mode in Science Class. *Journal of Physics: Conference Series*, 1806(1), 1–7. <https://doi.org/10.1088/1742-6596/1806/1/012142>
- Sumarmo, U., Hidayat, W., Zukarnaen, R., Hamidah, & Sariningsih, R. (2012). Kemampuan dan Disposisi Berpikir Logis, Kritis, dan Kreatif Matematik. *Jurnal Pengajaran MIPA*, 17(1), 17–33. <https://ejournal.upi.edu/index.php/jpmipa/article/view/36048>
- Suprihatin, S., & Manik, Y. M. (2020). Guru Menginovasi Bahan Ajar sebagai Langkah untuk Meningkatkan Hasil Belajar Siswa. *Promosi: Jurnal Program Studi Pendidikan Ekonomi*, 8(1), 65–72. <http://dx.doi.org/10.24127/pro.v8i1.2868>
- Suriani, A., & Yanti, R. (2024). Implementasi Model Pembelajaran RADEC pada Keterampilan Menulis Teks Eksplanasi di Kelas V Sekolah Dasar. *Indonesian Research Journal on Education*, 4(1), 162–168.

<https://doi.org/10.31004/irje.v4i1.455>

- Suriani, L. Y., Rati, N. W., & Wibawa, I. M. C. (2021). Media Pembelajaran Interaktif Topik Perkembangbiakan Hewan Kelas VI SD. *Jurnal Media dan Teknologi Pendidikan*, 1(2), 57–67. <https://doi.org/10.23887/jmt.v1i2.38328>
- Susanti, E., & Syam, S. S. (2017). *Peran Guru dalam Meningkatkan Kemampuan Literasi Matematika Siswa Indonesia*. [https://www.researchgate.net/profile/Elsa-Susanti-2/publication/328813314\\_Peran\\_Guru\\_dalam\\_Meningkatkan\\_Kemampuan\\_Literasi\\_Matematika\\_Siswa\\_Indonesia/links/5be4c5d3a6fdcc3a8dc78a80/Peran-Guru-dalam-Meningkatkan-Kemampuan-Literasi-Matematika-Siswa-Indonesia](https://www.researchgate.net/profile/Elsa-Susanti-2/publication/328813314_Peran_Guru_dalam_Meningkatkan_Kemampuan_Literasi_Matematika_Siswa_Indonesia/links/5be4c5d3a6fdcc3a8dc78a80/Peran-Guru-dalam-Meningkatkan-Kemampuan-Literasi-Matematika-Siswa-Indonesia)
- Susanto, T. T. D., Solihin, R. R., Fauziyah, E. P., Yanti, N. V. I., & Ramadhania, A. P. (2024). Upaya Pemerintah Indonesia Dalam Meningkatkan Kualitas Guru Ditinjau Dari Hasil Pisa 2022: Sebuah Kajian Pustaka. *Perspektif Ilmu Pendidikan*, 38(1), 57–65. <http://doi.org/10.21009/PIP.381>
- Susilowati, D. (2018). Penelitian Tindakan Kelas (PTK) Solusi Alternatif Problematika Pembelajaran. *Jurnal Ilmiah Edunomika*, 2(1), 36–46. <https://doi.org/10.29040/jie.v2i01.175>
- Tambunan, N. (2016). Pengaruh Strategi Pembelajaran dan Minat Belajar terhadap Kemampuan Berpikir Kreatif Matematis Siswa. *Jurnal Formatif*, 6(3), 207–219. <https://doi.org/10.30998/formatif.v6i3.993>
- Tashakkori, A., & Creswell, J. W. (2007). Editorial: The New Era of Mixed Methods. *Journal of Mixed Methods Research*, 1(1), 3–7. <https://doi.org/10.1177/2345678906293042>
- Tibahary, A. R., & Muliana. (2018). Model-Model Pembelajaran Inovatif. *Scolae: Journal of Pedagogy*, 1(1), 54–64. <https://media.neliti.com/media/publications/322093-model-model-pembelajaran-inovatif-0b0c9f0f.pdf>
- Trisnaningtyas, N. O., & Khotimah, R. P. (2022). Analisis Kemampuan Literasi Matematis dalam Menyelesaikan Soal AKM Ditinjau dari Gaya Belajar. *AKSIOMA: Jurnal Program Studi Pendidikan Matematika*, 11(4), 2714–2724. <https://doi.org/10.24127/ajpm.v11i4.5662>
- Umbara, U., & Suryadi, D. (2019). Re-Interpretation of Mathematical Literacy Based on The Teacher's Perspective. *International Journal of Instruction*, 12(4), 789–806. <https://doi.org/10.29333/iji.2019.12450a>
- Vebrian, R., Putra, Y. Y., Saraswati, S., & Wijaya, T. T. (2021). Kemampuan

- Penalaran Matematis Siswa dalam Menyelesaikan Soal Literasi Matematika Kontekstual. *AKSIOMA: Jurnal Program Studi Pendidikan Matematika*, 10(4), 2602–2614. <https://doi.org/10.24127/ajpm.v10i4.4369>
- Vebrianto, R., Thahir, M., Putriani, Z., Mahartika, I., Ilhami, A., & Diniya. (2020). Mixed Methods Research: Trends and Issues in Research Methodology. *Bedelau: Journal of Education and Learning*, 1(2), 63–73. <https://doi.org/10.55748/bjel.v1i2.35>
- Wahyudi, Suyitno, H., & Waluya, S. B. (2018). Dampak Perubahan Paradigma Baru Matematika terhadap Kurikulum dan Pembelajaran Matematika di Indonesia. *INOPENDAS: Jurnal Ilmiah Kependidikan*, 1(1), 38–47. <https://doi.org/10.24176/jino.v1i1.2315>
- Wang, Y., Zhang, C., & Li, K. (2022). A Review on Method Entities in The Academic Literature: Extraction, Evaluation, and Application. *Scientometrics*, 127, 2479–2520. <https://doi.org/10.1007/s11192-022-04332-7>
- Wardani, A. K., Zulkadi, & Hartono, Y. (2017). Pengembangan Soal Matematika Model PISA Level 5 untuk Program Pengayaan SMP. *Jurnal Pendidikan Matematik RAFA*, 3(1), 1–18. <https://doi.org/10.19109/jpmrafa.v3i1.1438>
- Wibowo, N. (2016). Upaya Peningkatan Keaktifan Siswa Melalui Pembelajaran Berdasarkan Gaya Belajar di SMK Negeri 1 Saptosari. *Jurnal Electronics, Informatics, and Vocational Education (ELINVO)*, 1(2), 128–139. <https://doi.org/10.21831/elinvo.v1i2.10621>
- Widianti, W., & Hidayati, N. (2021). Analisis Kemampuan Literasi Matematis Siswa SMP pada Materi Segitiga dan Segiempat. *JPMI (Jurnal Pembelajaran Matematika Inovatif)*, 4(1), 27–38. <https://doi.org/10.22460/jpmi.v4i1.27-38>
- Widjaja, W. (2011). Towards Mathematical Literacy in the 21 st Century: Perspectives from Indonesia. *Southeast Asian Mathematics Education Journal*, 1(1), 75–89. <https://www.journal.qitepinmath.org/index.php/seamej/article/view/12>
- Yilmazer, G., & Masal, M. (2014). The Relationship Between Secondary School Students' Arithmetic Performance and Their Mathematical Literacy. *Procedia - Social and Behavioral Sciences*, 152, 619–623. <https://doi.org/10.1016/j.sbspro.2014.09.253>
- Yulianti, Y., Lestari, H., & Rahmawati, I. (2022). Penerapan Model Pembelajaran RADEC terhadap Peningkatan Kemampuan Berpikir Kritis Siswa. *Jurnal Cakrawala Pendas*, 8(1), 47–56. <https://ejournal.unma.ac.id/index.php/cp/article/view/1915/1208>

- Yuliany, N., Latuconsina, N. K., Nursalam, Abrar, A. I. P., & Wahyuni, I. (2023). Pengaruh Penerapan Model Pembelajaran RADEC (Read, Answer, Discuss, Explain, Create) terhadap Kemampuan Berpikir Kritis Matematis Peserta Didik. *Al asma: Journal of Islamic Education*, 5(2), 133–142. <https://doi.org/10.24252/asma.v5i2.41523>
- Yusmar, F., & Fadilah, R. E. (2023). Analisis Rendahnya Literasi Sains Peserta Didik Indonesia: Hasil PISA dan Faktor Penyebab. *LENSA (Lentera Sains): Jurnal Pendidikan IPA*, 13(1), 11–19. <https://doi.org/10.24929/lensa.v13i1.283>
- Zainiyah, U., & Marsigit. (2019). Improving Mathematical Literacy of Problem Solving at The 5th Grade of Primary Students. *Journal of Education and Learning (EduLearn)*, 13(1), 98–103. <https://doi.org/10.11591/edulearn.v13i1.11519>
- Zubaidah, S. (2016). Keterampilan Abad ke-21: Keterampilan yang Diajarkan melalui Pembelajaran. *June*, 1–17. [https://www.researchgate.net/publication/350537616\\_Repackaging\\_RADEC\\_learning\\_model\\_into\\_the\\_online\\_mode\\_in\\_science\\_class](https://www.researchgate.net/publication/350537616_Repackaging_RADEC_learning_model_into_the_online_mode_in_science_class)
- Zulkarnaen, R. (2020). Konsepsi Siswa dalam Proses Pemodelan Matematis. *SJME (Supremum Journal of Mathematics Education)*, 4(2), 178–187.