

DAFTAR PUSTAKA

- Abadi, M., Wahyudi, W., Kosim, K., & Doyan, A. (2024). Pengaruh Model Creative Problem Solving Terhadap Peningkatan Keterampilan Berpikir Kreatif Peserta Didik. *Jurnal Ilmiah Profesi Pendidikan*, 9(4), 3086–3092. <https://doi.org/10.29303/jipp.v9i4.2803s>
- Afifah, E. N., Astutik, D., Masitoh, S., & Khoidah, I. A. (2024). Pembentukan Empati Siswa Melalui Pengembangan Metode Pembelajaran Aqidah Akhlak di Madrasah Ibtidaiyah. *Social Science Academic*, 2(2), 163–180. <https://doi.org/10.37680/ssa.v2i2.5795>
- Afriadi, F., Hidayah, M. F., & Gusmaneli, G. (2024). Pembelajaran Kolaboratif Dalam Pendidikan Perguruan Tinggi. *IHSAN : Jurnal Pendidikan Islam*, 2(3), 143–157. <https://doi.org/10.61104/ihsan.v2i3>
- Afriani, R., Jufri, A. W., & Mertha, I. W. (2025). Pengaruh Model Pembelajaran Inkuiri 5E terhadap Kemampuan Menalar Ilmiah (Scientific Reasoning) dan Literasi Biologi Siswa Kelas X SMAN 3 Mataram. *Journal of Authentic Research*, 4(1), 235–250. <https://doi.org/10.36312/jar.v4i1.2965>.
- Aji, S. U., Aziz, T. A., & Hidajat, F. A. (2024). Kemampuan Berpikir Kreatif di Indonesia : Sebuah Kajian Literatur. *Jurnal Riset Pendidikan Matematika Jakarta*, 6(1), 37–44. <https://doi.org/10.21009/jrpmj.v6i1.29025>
- Agustini, K., Santyasa, I. W., & Tegeh, I. M. (2022). Quantum Flipped Learning and Students' Cognitive Engagement in Achieving Their Critical and Creative Thinking in Learning. *International Journal of Emerging Technologies in Learning*, 17(18), 4–25. <https://doi.org/10.3991/ijet.v17i18.32101>
- Aldani, A. A., Nugroho, I. M., & Jaelani, I. (2024). Perancangan User Interface Dan User Experience E-Commerce Berbasis Mobile Umkm Di Zecko Dengan Metode Human Centered Design (Studi Kasus : Zecko Purwakarta). *JATI (Jurnal Mahasiswa Teknik Informatika)*, 8(5), 9992–9998. <https://doi.org/10.36040/jati.v8i5>
- AlZoubi, D., Baran, E., Karabulut-Ilgu, A., Morales, A. S., & Gilbert, S. B. (2024). From concept to classroom: Developing instructor dashboards through human centered design. *Computers and Education Open*, 7(2), 100234.

<https://doi.org/10.1016/j.caeo.2024.100234>

- Amabile, T. M. (1989). *Growing Up Creative*. Crow Publ.
- Anjiana, R., Makiyah, Y. S., & Susanti, E. (2024). Pengaruh Model Creative Problem Solving (CPS) Terhadap Self Efficacy dan Keterampilan Berpikir Kreatif Peserta Didik Pada Materi Optik. *Jurnal Penelitian Pembelajaran Fisika*, 15(2), 204–212. <https://doi.org/10.26877/jp2f.v15i2.17896>
- Anjiana, R., Surahman, E., & Rizal, R. (2025). Urgensi Scientific Reasoning Skills dan Creative Thinking Skills dalam Pendidikan : Analisis Awal Hasil Peserta Didik di Sekolah. *DIFFRACTION: Journal for Physics Education and Applied Physics*, 7(2), 83–93. <https://doi.org/10.37058/diffraction.v7i2.16986>
- Anjiana, R., Surahman, E., Rizal, R., Hernawati, D., & Badriah, L. (2026). Scientific Reasoning Skills in Physics Education : A Preliminary Analysis of High School Students ' Competence in Temperature and Heat. *Lontar Physics Today*, 5(1), 17–30. <https://doi.org/10.26877/lpt.v5i1.220>
- Arikunto, S. (2019). *Prosedur Penelitian Suatu Pendekatan Praktik (15th ed.)*. Jakarta: PT. Rineka Cipta.
- Azizah, Z. N., & Santoso, B. (2023). Pengaruh Creative Problem Solving (CPS) Terhadap Kemampuan Berpikir Kreatif Ditinjau dari Minat Belajar. *Jurnal Pendidikan Ekonomi Undiksha*, 15(1), 1–8. <https://doi.org/10.23887/jjpe.v15i1.62562>
- Bao, L. (2018). Validity evaluation of the Lawson classroom test of scientific reasoning. *Physical Review Physics Education Research*, 14(2). <https://doi.org/10.1103/PhysRevPhysEducRes.14.020106>
- Barkah, T., Hernawan, A. H., & Hadiapurwa, A. (2024). Courses design based on perspective human-centered learning design. *Curricula: Journal of Curriculum Development*, 3(2), 313–332. <https://doi.org/10.17509/curricula.v3i2.66567>
- Birgili, B. (2015). Creative and Critical Thinking Skills in Problem-based Learning Environments. *Journal of Gifted Education and Creativity*, 2(2), 71–80. <https://doi.org/10.18200/jgedc.2015214253>
- Budiarti, Y. (2016). Pengaruh Metode Pembelajaran Creative Problem Solving

- (CPS) Terhadap Kemampuan Berpikir Kreatif Mahasiswa (Studi Eksperimen Pada Mahasiswa Pendidikan Ekonomi FKIP UM Metro). *PROMOSI (Jurnal Pendidikan Ekonomi)*, 4(2), 50–60. <https://doi.org/10.24127/ja.v4i2.638>
- Coleman, A. B., Lam, D. P., & Soowal, L. N. (2015). Correlation, necessity, and sufficiency: Common errors in the scientific reasoning of undergraduate students for interpreting experiments. *Biochemistry and Molecular Biology Education*, 43(5), 305–315. <https://doi.org/10.1002/bmb.20879>
- Creswell, J. W. (2019). *Research Design; Qualitative, Quantitative & Mixed Method Approaches 5th Edition*. Yogyakarta: Pustaka Pelajar.
- Devi, S. S., Munawaroh, F., Hadi, W. P., & Muharrami, L. K. (2019). Pembelajaran Guided Inquiry Dengan Metode Pictorial. *Natural Science Education Research*, 2(1), 40–47. Diakses dari <https://journal.trunojoyo.ac.id/nser/article/view/4275>.
- Dewi, A. C., Harjono, A., Sutrio, S., Busyairi, A., & Ayub, S. (2024). Kemampuan Pemecahan Masalah Termodinamika Peserta Didik Kelas XI dengan Model Pembelajaran Creative Problem Solving. *Jurnal Ilmiah Profesi Pendidikan*, 9(4), 2279–2285. <https://doi.org/10.29303/jipp.v9i4.2755>
- Dharma, I. M. A., Wahyuni, L. T. S., Suastra, I. W., & Arnyana, I. B. P. (2022). Faktor Penyebab dan Alternatif Solusi Rendahnya Kemampuan Reasoning Siswa Sekolah Dasar. *Jurnal Ilmiah Pendidikan Profesi Guru*, 5(3), 554–562. <https://doi.org/10.23887/jippg.v5i3.54954>
- Fajrina, R. N. A., Handayanto, S. K., & Hidayat, A. (2018). Peran Model Project Based Learning dalam Kemampuan Berpikir Kreatif Kelas XI IPA melalui Materi Fluida Statis. *Jurnal Pendidikan: Teori, Penelitian, Dan Pengembangan*, 3(3), 291–295. Diakses dari <http://journal.um.ac.id/index.php/jptpp/>
- Fatimah, F. (2017). Upaya Meningkatkan Kemampuan Berpikir Kreatif Siswa SMA Negeri 2 Bireuen Pada Materi Kalor Melalui Penerapan Model Pembelajaran Open-Ended Problem (Masalah Terbuka). *Jurnal Pendidikan Almuslim*, 5(2), 85–90. Diakses dari <http://jfkkip.umuslim.ac.id/index.php/jupa/article/view/297>

- Firdaus, F., Surahman, E., & Makiyah, Y. S. (2022). Pengaruh Model Project Based Learning Terhadap Keterampilan Berpikir Kreatif Peserta Didik Dalam Pembelajaran Fisika Materi Momentum Dan Impuls. *Jurnal Penelitian Pembelajaran Fisika*, 13(2), 171–180. <https://doi.org/10.26877/jp2f.v13i2.11850>
- Firdaus, S., Suhendar, S., & Ramdhan, B. (2021). Profil Kemampuan Penalaran Ilmiah Siswa SMP Berdasarkan Gaya Belajar. *Biodik*, 7(3), 156–163. <https://doi.org/10.22437/bio.v7i3.13347>
- Giancoli, D. C. (2014). *Fisika: Prinsip dan Aplikasi Edisi Kelima Jilid I* (5 Jilid 1). Jakarta: Erlangga.
- Gradini, E., Firmansyah B, F. B., Noviani, J., & Ulya, K. (2025). Fostering Higher-Order Thinking Skills in Mathematics Education: Strategies, Challenges, and Classroom Practices. *Prisma Sains: Jurnal Pengkajian Ilmu Dan Pembelajaran Matematika Dan IPA IKIP Mataram*, 13(2), 135–163. <https://doi.org/10.33394/j-ps.v13i2.15099>
- Guilford, J. P. (1950). Creativity. *The American Psychologist*, 5(9), 444–454. <https://doi.org/10.1037/h0063487>
- Guilford, J. P. (1967). The nature of human intelligence. In *The Nature of Human Intelligence*. McGraw-Hill. <https://doi.org/10.1017/9781316817049>
- Hadi, W. P., Muharrami, L., & Utami, D. S. (2021). Identifikasi kemampuan penalaran ilmiah berdasarkan gender. *Wahana Matematika Dan Sains: Jurnal Matematika, Sains, Dan Pembelajarannya*, 15(2), 133–142. Diakses dari <https://ejournal.undiksha.ac.id/index.php/JPM/article/view/34047>
- Halliday, D., Resnick, R., & Walker, J. (2010). *Fisika Dasar Edisi 7 Jilid 1* (W. Hardani, A. Drajat, & L. Simarmala (eds.); 7 Jilid 1). Jakarta: Erlangga.
- Han, J. (2013). Scientific Reasoning: Research, Development, And Assessment. In *The Ohio State University*, 13(3). The Ohio State University.
- Handayani, G. A., Windyariani, S., & Pauzi, R. Y., (2020). Profil Tingkat Penalaran Ilmiah Siswa Sekolah Menengah Atas Pada Materi Ekosistem. *Biodik: Jurnal Ilmiah Pendidikan Biologi*, 6(2), 176–186. Diakses dari <https://online-journal-unja.ac.id/biodik>.

- Helen, H., & Kusdiwelirawan, A. (2022). Pengaruh model pembelajaran creative problem solving (CPS) terhadap hasil belajar fisika dan kemampuan berpikir kreatif peserta didik. *WaPFI (Wahana Pendidikan Fisika)*, 7(1), 51–60. <https://doi.org/10.17509/wapfi.v7i1.43965>
- Hermansyah. (2020). Problem Based Learning in Indonesian Learning. *Social, Humanities, and Educations Studies (SHEs): Conference Series*, 3(3), 2257–2262. Diakses dari <https://jurnal.uns.ac.id/shes>
- Huda, M. (2017). *Model-Model Pengajaran dan Pembelajaran*. Yogyakarta: Pustaka Pelajar.
- Ideo. (2015). *The Field Guide to Human-Centered Design* (1st Edition). Ideo. Org. Diakses dari [https://d1r3w4d5z5a88i.cloudfront.net/assets/guide/Field Guide to Human-Centered Design_IDEOorg_English-0f60d33bce6b870e7d80f9cc1642c8e7.pdf?utm](https://d1r3w4d5z5a88i.cloudfront.net/assets/guide/Field%20Guide%20to%20Human-Centered%20Design_IDEOorg_English-0f60d33bce6b870e7d80f9cc1642c8e7.pdf?utm)
- Imron, I. (2025). Perbedaan Model Pembelajaran Creative Problem Solving dan Ideal Problem Solving Berorientasi Experiential Learning Ditinjau Dari Hasil Belajar dan Motivasi Mahasiswa. *Efektor*, 12(1), 137–146. <https://doi.org/10.29407/e.v12i1.25181>
- Inhelder, B., & Piaget, J. (1958). *The growth of logical thinking: From childhood to adolescence*. Basic Books. <https://doi.org/10.1037/10034-000>
- Khalil, R. Y., Tairab, H., Qablan, A., Alarabi, K., & Mansour, Y. (2023). STEM-Based Curriculum and Creative Thinking in High School Students. *Education Sciences*, 13(12). <https://doi.org/10.3390/educsci13121195>
- Kim, S., Choe, I., & Kaufman, J. C. (2019). The development and evaluation of the effect of creative problem-solving program on young children's creativity and character. *Thinking Skills and Creativity*, 33, 100590. <https://doi.org/10.1016/j.tsc.2019.100590>
- Lawson, A. E. (2004). The Nature and Development of Scientific Reasoning: A Synthetic View. *International Journal of Science and Mathematics Education*, 2(3). <https://doi.org/10.1007/s10763-004-3224-2>
- Lestari, I., Nurbaeti, M., & Wahyudiana, E. (2023). A Systematic Literature Review on Media Technology in Creative Thinking for Elementary School Students.

- PARAMETER: Jurnal Pendidikan Universitas Negeri Jakarta*, 34(2), 82–118.
<https://doi.org/10.21009/parameter.342.03>
- Maemunah, S., Fuadah, Y. T., & Masdiana, M. (2023). Penerapan Model Pembelajaran Creative Problem Solving (CPS) Terhadap Hasil Belajar Materi Luas Permukaan Bangun Ruang Sisi Datar Kelas Vi Di Mi Al-Islah Lubuk Kuyung Pekon Sukamulya Kecamatan Pugung Kabupaten Tanggamus Tahun Ajaran 2022/2023. *Tadris: Jurnal Keguruan Dan Ilmu Tarbiyah*, 3(1). Diakses dari <https://journal.an-nur.ac.id/index.php/demo3/article/view/1639>
- Maharani, V., Erlina, N., & Pujani, N. M. (2023). Analisis Penalaran Ilmiah Siswa Kelas Vii Smp Negeri 5 Singaraja Berdasarkan Lawson Classroom Test of Scientific Reasoning Pada Pembelajaran Ipa. *Jurnal Pendidikan Dan Pembelajaran Sains Indonesia*, 6(2), 170–181.
<https://doi.org/10.23887/jppsi.v6i2>
- Maheva, Z. P., Sundari, P. D., Mufit, F., & Dewi, W. S. (2023). Deskripsi Keunggulan Model Creative Problem Solving Terhadap Kemampuan Berpikir Tingkat Tinggi (HOTS) Peserta Didik. *Jurnal Pendidikan Tambusai*, 7(2), 17910–17919. <https://doi.org/10.31004/jptam.v7i2.9165>
- Mako, S., Harso, A., & Kaleka, M. (2020). Profil Kemampuan Berpikir Kreatif Siswa Kelas X SMK Negeri 7 Ende. *Edufisika : Jurnal Pendidikan Fisika*, 5(2), 124–130. Diakses dari <https://online-journal.unja.ac.id/EDP/article/view/10500/11663>
- Mamonto, F., Umar, M. K., & Paramata, D. D. (2021). Pengembangan Perangkat Pembelajaran Ipa Smp Menggunakan Model Pembelajaran Kooperatif Tipe Student Teams Achievement Divisions (Stad) Bagi Peserta didik Berkebutuhan Khusus. *Jambura Physics Journal*, 3(1), 54–63. DOI: <https://doi.org/10.34312/jpj.v3i1.8137>
- Meidina, Z. Y., Dewi, N. R., & Listiaji, P. (2024). Pengaruh Model Pembelajaran Creative Problem Solving (CPS) Berbasis E-LKPD Pendekatan TPACK Terhadap Keterampilan Pemecahan Masalah dan Kreativitas Siswa IPA SMP. *INKUIRI: Jurnal Pendidikan IPA*, 13(2), 211.
<https://doi.org/10.20961/inkuiri.v13i2.86573>

- Mitchell, M., William, E. ., & Thomas, F. (1999). *Creative Problem Solving. Genographics.*
- Mukaromah, U., & Inayah, N. (2025). Analisis Keterampilan Berpikir Kreatif di MTs Negeri 3 Kota Surabaya. *JPPK: Jurnal Pendidikan Dan Pembelajaran Khatulistiwa*, 14(2), 282–291. <https://doi.org/10.26418/jppk.v14i2.91385>
- Mulder, W., & Siswanto, J. (2023). Analisis kemampuan berpikir kreatif siswa kelas vii smp negeri 65 maluku tengah pada materi suhu dan kalor. *JIPPF: Jurnal Inovasi Penelitian Dan Pembelajaran Fisika*, 4(1), 1–6. <https://doi.org/10.26418/jippf>.
- Munandar, U. (2012). *Pengembangan Kreativitas Anak Berbakat*. Jakarta: Rineka Cipta.
- Muslikhah, I., & Nuruddin, M. (2025). Pengaruh Model Pembelajaran Creative Problem Solving Terhadap Motivasi Belajar Siswa Pada Pembelajaran Pendidikan Pancasila. *Al-Adawat : Jurnal Pendidikan Madrasah Ibtidaiyah*, 04(01), 37–44. Diakses dari <https://ejournal.unhasy.ac.id/index.php/aldawat/article/view/8664/4442>
- Nabillah, Suhendar, & Setiono. (2022). Analisis Profil Kemampuan Penalaran Ilmiah Siswa SMA kelas XI melalui Model Pembelajaran Creative Problem Solving. *BIODIK: Jurnal Ilmiah Pendidikan Biologi*, 8(4), 125–132. Diakses dari <https://online-journal.unja.ac.id/biodik>
- Natalia. (2023). Pengaruh Model Pembelajaran Creative Problem Solving Terhadap Kemampuan Berpikir Kreatif Siswa Kelas IX SMP Maha Putra Tello Kota Makassar. *Prosiding Seminar Nasional Pendidikan IPA IV*, 2(2), 224–230. Diakses dari <http://localhost:8080/xmlui/handle/123456789/8136>
- Nazhifah, N., Wiyono, K., Ismet, & Azairok, M. (2023). Profile of Physics Creative Thinking Skills for High School Students in The 21st Century. *JIPFRI (Jurnal Inovasi Pendidikan Fisika Dan Riset Ilmiah)*, 7(1), 1–11. <https://doi.org/10.30599/jipfri.v7i1.2131>
- Nisa, A. K., Tinofa, N. A., Noptario, N., & Abdullah, F. (2024). Transisi Pembelajaran Teacher Centered Menuju Student Centered: Penguatan Literasi Teknologi Siswa Sekolah Dasar. *Ideguru : Jurnal Karya Ilmiah Guru*, 9(3),

- 1453–1460. <https://doi.org/10.51169/ideguru.v9i3.920>
- Nurhidayat, W., Surahman, E., & Sujarwanto, E. (2023). The Effect of Conceptual Understanding Procedures Learning Model on Students ' Higher Level Thinking Skills. *Jurnal Pendidikan Indonesia*, 12(2), 386–394. <https://doi.org/10.23887/jpiundiksha.v12i2.58709>
- Nurjanah, E., Cahyadireja, A., & Yusuf, A. (2025). Pengaruh Model Creative Problem Solving (CPS) Berbantuan Media Video Terhadap Keterampilan Berpikir Kreatif Siswa Sekolah Dasar. *Jurnal Didactical Mathematics*, 7(1), 130–140. Diakses dari <https://ejournal.unma.ac.id/index.php/dm>
- OECD. (2023). PISA 2022 Result The State of Learning and Equity in Education. In *Factsheets* (Vol. 1). <https://doi.org/https://doi.org/10.1787/53f23881-en>
- Osborn, A. F. (1963). *Applied imagination; principles and procedures of creative problem-solving*. Scribner.
- Parnes, S. J. (1967). *Creative Behavior Guidebook*. Charles Scribner's Sons.
- Pedaste, M., Mäeots, M., Siiman, L. A., de Jong, T., van Riesen, S. A. N., Kamp, E. T., Manoli, C. C., Zacharia, Z. C., & Tsourlidaki, E. (2015). Phases of inquiry-based learning: Definitions and the inquiry cycle. *Educational Research Review*, 14, 47–61. <https://doi.org/10.1016/j.edurev.2015.02.003>
- Pee, B., Woodman, T., Fry, H., & Davenport, E. S. (2002). Appraising and assessing reflection in students' writing on a structured worksheet. *Medical Education*, 36(6), 575–585. <https://doi.org/10.1046/j.1365-2923.2002.01227.x>
- Pratiwi, I., & Alberida, H. (2021). Students' Scientific Reasoning At SMA Adabiah Padang. *International Journal of Progressive Sciences and Technologies*, 24(2), 465–471. <https://doi.org/10.52155/ijpsat.v24.2.2637>
- Pujawan, I. G. N., Rediani, N. N., Antara, I. G. W. S., Putri, N. N. C. A., & Bayu, G. W. (2022). Revised Bloom Taxonomy-Oriented Learning Activities To Develop Scientific Literacy and Creative Thinking Skills. *Jurnal Pendidikan IPA Indonesia*, 11(1), 47–60. <https://doi.org/10.15294/jpii.v11i1.34628>
- Rachman, A., & Rosnawati, R. (2021). Efektivitas model pembelajaran creative problem solving ditinjau dari kemampuan penalaran, komunikasi, dan self

- esteem. *Jurnal Riset Pendidikan Matematika*, 8(2), 231–243.
<https://doi.org/10.21831/jrpm.v8i2.34420>
- Rhodes, M. (1961). An Analysis of Creativity. *Phi Delta Kappan*, 47(7), 305–310.
 Diakses dari <https://www.jstor.org/stable/20342603>
- Riduwan. (2008). *Belajar Mudah untuk Guru, Karyawan dan Peneliti Pemula*. Bandung: Alfabeta.
- Rimadani, E., & Diantoro, M. (2017). Identifikasi Kemampuan Penalaran Ilmiah Siswa Sma Pada Materi Suhu Dan Kalor. *Jurnal Pendidikan: Teori, Penelitian, Dan Pengembangan*, 2(6), 833–839.
<https://doi.org/10.17977/jptpp.v2i6.9440>
- Rizal, R., & Ridwan, I. M. (2019). Implementasi Discovery Learning Untuk Meningkatkan Keterampilan Dasar Proses Sains Siswa SMA. *JoTaLP: Journal of Teaching and Learning Physics*, 4(1), 1–10.
<https://doi.org/10.15575/jotalp.v4i1.3618>
- Rizal, R., Rusdiana, D., Setiawan, W., & Siahaan, P. (2020). Creative thinking skills of prospective physics teacher. *Journal of Physics: Conference Series*, 1521(2). <https://doi.org/10.1088/1742-6596/1521/2/022012>
- Rohim, F., Susanto, H., & Ellianawati. (2012). Penerapan Model Discovery Terbimbing Pada Pembelajaran Fisika Untuk Meningkatkan Kemampuan Berpikir Kreatif. *Unnes Physics Education Journal*, 1(1), 1–5.
<https://doi.org/10.15294/UPEJ.V1I1.775>
- Runco, M. A., & Acar, S. (2012). Divergent Thinking as an Indicator of Creative Potential. *Creativity Research Journal*, 24(1), 66–75.
<https://doi.org/10.1080/10400419.2012.652929>
- Salahuddin, A. A. P. H., Asikin, M., Waluya, B., & Zaenuri, Z. (2021). Kemampuan Berpikir Kreatif Ditinjau dari Self Regulated Learning dengan Pendekatan Open-Ended Pada Model Pembelajaran Creative Problem Solving. *QALAMUNA: Jurnal Pendidikan, Sosial, Dan Agama*, 13(1), 11–22.
<https://doi.org/10.37680/qalamuna.v13i1.847>
- Salazar, R. (2023). Design thinking as an effective method for problem-setting and needfinding for entrepreneurial teams addressing wicked problems. *Journal of*

- Innovation and Entrepreneurship*, 12(1). <https://doi.org/10.1186/s13731-023-00291-2>
- Shehab, S., Bohn, D., O'Bryan, L., Lawrence, L. E. M., & Tissenbaum, M. (2025). Integrating Human-Centered Design into Undergraduate STEM Capstone Courses: A Food Product Development Case Study. *Education Sciences*, 15(5). <https://doi.org/10.3390/educsci15050542>
- Silitonga, H. T. ., Panjaitan, M., & Supriyati, Y. (2020). Problem solving based physics learning strategy to enhance students ' higher order thinking skills. *6th International Conference on Mathematics, Science, and Education (ICMSE 2019)*. <https://doi.org/10.1088/1742-6596/1567/4/042104>
- Situmorang, A., Napitupulu, E., & Wahyuningrum, E. (2023). Pengaruh Pendekatan Pembelajaran Matematika Realistik Dan Motivasi Belajar Terhadap Kemampuan Berpikir Kreatif Siswa Kelas V Sd. *Jurnal Teknologi Pendidikan (JTP)*, 16(1), 1–9. <https://doi.org/10.24114/jtp.v16i1.44816>
- Sugiyono. (2022). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. Bandung: Alfabeta.
- Suherman, S., & Vidákovich, T. (2022). Assessment of mathematical creative thinking: A systematic review. *Thinking Skills and Creativity*, 44(January), 1–13. <https://doi.org/10.1016/j.tsc.2022.101019>
- Sunardi. (2021). *Fisika untuk SMA-MA*. Bandung: Yrama Widya.
- Sundari, P. D., & Sarkity, D. (2022). Keterampilan Berpikir Kritis Siswa SMA pada Materi Suhu dan Kalor dalam Pembelajaran Fisika. *Journal of Natural Science and Integration*, 4(2). <https://doi.org/10.24014/jnsi.v4i2.11445>
- Torrance, E. P. (1974). *Torrance Tests of Creative Thinking: Norms-technical manual (Research ed.)*. Bensenville, IL: Scholastic Testing Service.
- Torrance, E. P., & Torrance, J. P. (1973). *Is Creativity Teachable?*. Phi Delta Kappa Educational Foundation.
- Tria, E., Susanta, A., & Djuwita, P. (2021). Pengaruh Model Pembelajaran Coreative Problem Solving (CPS) terhadap Kemampuan Berpikir Kreatif Matematika Siswa di Kelas VA SD Negeri 99 Rejang Lebong. *Jurnal Pembelajaran Dan Pengajaran Pendidikan Dasar*, 4(2), 13–21.

<https://doi.org/10.33369/dikdas.v4i2.14670>

- Vygotsky, L. . (1978). *Mind in Society: The Development of Higher Psychological Processes*.
- Wang, X., Hommel, B., Colzato, L., He, D., Ding, K., Liu, C., Qiu, J., & Chen, Q. (2023). The contribution of divergent and convergent thinking to visual creativity. *Thinking Skills and Creativity*, 49, 101372. <https://doi.org/10.1016/j.tsc.2023.101372>
- Widagdo, T. B. (2024). Pandangan Konseptual Pembelajaran Mendalam Menuju “Transformasi Pendidikan”. *Jurnal Cerdik: Jurnal Pendidikan Dan Pengajaran*, 4(1), 51–75. <https://doi.org/10.21776/ub.jcerdik.2024.005.02.05>
- Wijaya, M. (2025). Kurikulum Deep Learning di Indonesia; Sebuah Harapan Baru. *Jurnal Ilmiah Pendidikan Scholastic*, 9(1), 10–15. Diakses dari <http://e-journal.sastra-unes.com/index.php/JIPS>
- Winarti, W., & Budiarti, I. S. (2020). Diagnostik Konsepsi Siswa Pada Materi Suhu Dan Kalor. *Jurnal Ilmu Pendidikan Indonesia*, 8(3), 136–146. <https://doi.org/10.31957/jipi.v8i3.1337>
- Wulandari, R. A., Ardiyanto, A., & Ekayani, N. P. K. (2022). Efektifitas Model Lengan HDC-21 sebagai Alat Peraga Alternatif Sederhana untuk Praktikum Pemasangan Infus pada Mahasiswa Program Studi DIII Kebidanan Jurusan Kebidanan Poltekkes Kemenkes Mataram. *JPIN: Jurnal Pendidik Indonesia*, 5(2), 116–126. <https://doi.org/10.47165/jpin.v5i2>
- Yulianti, E., & Zhafirah, N. (2020). Analisis Komprehensif pada Implementasi Pembelajaran dengan Model Inkuiri Terbimbing : Aspek Penalaran Ilmiah. *Jurnal Penelitian Pendidikan IPA*, 6(1), 125–130. <https://doi.org/10.29303/jppipa.v6i1.341>
- Zebua, N. (2025). Education Transformation : Implementation of Deep Learning in 21st-Century Learning. *Harmoni Pendidikan : Jurnal Ilmu Pendidikan*, 2(2), 146–152. <https://doi.org/10.62383/hardik.v2i2.1405>
- Zemansky, M. W., & Dittman, R. H. (1982). *Kalor dan Termodinamika* (T. H. Liong & S. Wirjosimin (eds.); 6th ed.). Bandung: ITB.