

DAFTAR PUSTAKA

- Agusti, F. A., Herman, T., & Afifah Zafirah. (2023). Kemampuan Penalaran Imitatif Dan Kreatif Matematis Siswa SMP Pada Materi Persamaan Garis Lurus. *Jurnal Program Studi Pendidikan Matematika*, 12(1), 1447–1458.
- Astriani, N., & Dhana, M. B. Al. (2024). Kemampuan Penalaran Matematis Siswa Melalui. *Jurnal Theorems (The Original Research of Mathematics)*, 8, 263–271. <http://ejournal.unma.ac.id/index.php/th>
- Atie, B. C., & Rosyidi, A. H. (2023). Proses Interpretasi Siswa SMP dalam Menyelesaikan Masalah Numerasi. *MATHEdunesa*, 12(3), 755–779. <https://doi.org/10.26740/mathedunesa.v12n3.p755-779>
- Azzahra, V. U., & Rachmawati, T. K. (2022). Memecahkan Masalah dengan Berpikir Kreatif dalam Penalaran Matematika Solving Problems by Thinking. *Gunung Djati Conference Series*, 17, 2015–2019.
- Bernard, M., & Rohaeti, E. E. (2016). Meningkatkan Kemampuan Penalaran Dan Disposisi Matematik Siswa Melalui Pembelajaran Kontekstual Berbantuan Game Adobe Flash Cs 4 . 0 (Ctl-Gaf). *Jurnal Ilmu Pendidikan Dan Pengajaran*, 3, 85–94.
- Destino, M. D., & Bharata, H. (2019). Pengembangan Bahan Ajar Transformasi Geometri Berorientasi pada Kemampuan Bepikir Kritis Siswa. *Jurnal Kreatif Matematika-Inovatif KREANO*, 10(1), 57–67. <https://doi.org/https://doi.org/10.15294/kreano.v10i1.18493>
- Dwirahayu, G., Mas'Ud, A., Satriawati, G., Atiqoh, K. S. N., & Dewi, S. (2021). Improving students' mathematical creative reasoning on polyhedron through

- concept-based inquiry model. *Journal of Physics: Conference Series*, 1836(1).
<https://doi.org/10.1088/1742-6596/1836/1/012073>
- English, L. D. (2023). Ways of thinking in STEM-based problem solving. *ZDM - Mathematics Education*, 55(7), 1219–1230. <https://doi.org/10.1007/s11858-023-01474-7>
- Fadhilla, F. N., Krisdiana, I., & Masfingatin, T. (2023). Penerapan Etnomatematika Batik Pendekar. *Prosiding Seminar Nasional Pendidikan Matematika*, 1(Vol. 1 (2023):). <https://doi.org/https://doi.org/10.20527/c90fqc87>
- Fiantika, F. R., Wasil, M., Jumiati, S. R. I., Honesti, L., Wahyuni, S. R. I., Mouw, E., Mashudi, I., Hasanah, N. U. R., Maharani, A., Ambarwati, K., Noflidaputri, R., & Waris, L. (2022). *Metodologi penelitian kualitatif*. PT. GLOBAL EKSEKUTIF TEKNOLOGI.
- Galatea, C. K., Ah, N. I., Rhomdani, R. W., Agustin, A. D., & Nuriyah, S. (2024). Misinterpretasi Konteks Dunia Nyata dalam Memecahkan Masalah Literasi Matematis. *Jurnal Axioma: Jurnal Matematika Dan Pembelajaran*, 9(1), 211–233.
- Handayani, A. D. (2013). Penalaran Kreatif Matematis. *Jurnal Pengajaran MIPA*, 18(2), 161–166. <https://doi.org/https://doi.org/10.18269/jpmipa.v18i2.36131>
- Hasan, B., & Shodiq, L. J. (2025). Creative Reasoning in Mathematics Problem Solving: A Systematic Literature Review of Descriptive Content Analysis Using Bibliometrics. *Jurnal Ilmiah Pendidikan Profesi Guru*, 8(3), 797–810. <https://doi.org/10.23887/jippg.v8i3.104239>
- Hidayat, W., & Sariningsih, R. (2020). Profil Kemampuan Penalaran Kreatif

- Matematis Mahasiswa Calon Guru. *Jurnal Elemen*, 6(1), 108–127.
<https://doi.org/10.29408/jel.v6i1.1738>
- Hidayatulloh, D. A., Hidayanto, E., & Irawati, S. (2024). Kecerdasan Logis Matematis Siswa Dalam Menyelesaikan Masalah Kontekstual. *AKSIOMA: Jurnal Program Studi Pendidikan Matematika*, 13(4), 1126–1140.
<https://doi.org/10.24127/ajpm.v13i4.9058>
- Hutagaol, K. (2013). Pembelajaran Kontekstual Untuk Meningkatkan Kemampuan Representasi Matematis Siswa Sekolah Menengah Pertama. *Jurnal Pengajaran MIPA*, 2(1), 85–99.
- IEA. (2024). *TIMSS 2023 International Result in Mathematics and science*.
<https://doi.org/https://doi.org/10.6017/lse.tpisc.timss.rs6460>
- Jonsson, B., Granberg, C., & Lithner, J. (2020). Gaining Mathematical Understanding: The Effects of Creative Mathematical Reasoning and Cognitive Proficiency. *Frontiers in Psychology*, 11(December), 1–16.
<https://doi.org/10.3389/fpsyg.2020.574366>
- Jonsson, B., Mossegård, J., Lithner, J., & Karlsson Wirebring, L. (2022). Creative Mathematical Reasoning: Does Need for Cognition Matter? *Frontiers in Psychology*, 12(January), 1–10. <https://doi.org/10.3389/fpsyg.2021.797807>
- Kementerian Pendidikan Dasar dan Menengah. (2025). *Capaian Pembelajaran Matematika*. Kementerian Pendidikan Dasar Dan Menengah.
<https://guru.kemendikdasmen.go.id/kurikulum/referensi-penerapan/capaian-pembelajaran/sd-sma/matematika/fase-d/>
- Kholid, M. N., Mahmudah, M. H., Ishartono, N., Putra, F. G., & Forthmann, B.

- (2024). Classification of students' creative thinking for non-routine mathematical problems. *Cogent Education*, 11(1).
<https://doi.org/10.1080/2331186X.2024.2394738>
- Krawitz, J., Chang, Y. P., Yang, K. L., & Schukajlow, S. (2022). The role of reading comprehension in mathematical modelling: improving the construction of a real-world model and interest in Germany and Taiwan. *Educational Studies in Mathematics*, 109(2), 337–359. <https://doi.org/10.1007/s10649-021-10058-9>
- Kusaeri, K., Lailiyah, S., Arrifadah, Y., & Asmiyah, S. (2022). Enhancing creative reasoning through mathematical task: The quest for an ideal design. *International Journal of Evaluation and Research in Education*, 11(2), 482–490. <https://doi.org/10.11591/ijere.v11i2.22125>
- Lakshita, A., Meiliasari, & Abdul Azis, T. (2024). The Exploration of Lithner's Creative And Imitative Mathematical Reasoning Analysis Based on High School Student's Mathematical Anxiety in Trigonometry Class. *Jurnal Riset Pembelajaran Matematika Sekolah*, 8(2), 28–37.
<https://doi.org/10.21009/jrpms.082.04>
- Lithner, J. (2008). A Research Framework For Creative And Imitative Reasoning. *Educational Studies in Mathematics*, 67(3), 255–276.
<https://doi.org/10.1007/s10649-007-9104-2>
- Masfingat, T., & Murtafiah, W. (2020). Exploring The Creative Mathematical Reasoning Of Mathematics Education Student Through Discovery Learning. *Jurnal Program Studi Pendidikan Matematika*, 9(2), 296–305.
[https://doi.org/DOI: https://doi.org/10.24127/ajpm.v9i2.2714](https://doi.org/DOI:https://doi.org/10.24127/ajpm.v9i2.2714)

- Masfingat, T., Murtafiah, W., & Maharani, S. (2020). Exploration of Creative Mathematical Reasoning in Solving Geometric Problems. *Jurnal Pendidikan Matematika*, 14(2), 155–168.
<https://doi.org/https://doi.org/10.22342/jpm.14.2.7654.155-168>
- Miles, M. B., Huberman, A. M., & Saldaña, J. (2014). *Qualitative Data Analysis: A Methods Sourcebook*.
- NCTM. (2014). *Principles to Actions Ensuring Mathematical Success for All*.
- NCTM, N. C. of T. of M. (2000). *Principles and Standards for School Mathematics*. National Council of Teachers of Mathematics.
- Norqvist, M. (2016). On Mathematical Reasoning : being told or finding out. In *Doctoral thesis / Umeå University, Department of Mathematics*.
<http://umu.diva-portal.org/smash/get/diva2:954413/FULLTEXT01.pdf>
- OECD. (2023). *OECD Economic Outlook*.
- Pemerintah Kota Madiun. (2026). *Buka Madiun Batik Heritage Festival, Plt Wali Kota: Saya Ingin Madiun Punya Batik yang Bercerita*. Portal Resmi Pemerintah Kota Madiun.
<https://www.madiunkota.go.id/berita/2026/07/17/buka-madiun-batik-heritage-festival-plt-wali-kota-saya-ingin-madiun-punya-batik-yang-bercerita>
- Pongsakdi, N., Kajamies, A., Veermans, K., Lertola, K., Vauras, M., & Lehtinen, E. (2020). What makes mathematical word problem solving challenging? Exploring the roles of word problem characteristics, text comprehension, and arithmetic skills. *ZDM - Mathematics Education*, 52(1), 33–44.
<https://doi.org/10.1007/s11858-019-01118-9>

- Powell, S. R., & Fuchs, L. S. (2018). Effective Word-Problem Instruction: Using Schemas to Facilitate Mathematical Reasoning. *Teaching Exceptional Children*. <https://doi.org/10.1177/0040059918777250>
- Qomario, Q., Tohir, A., & Mashari, A. (2020). The effect of realistic mathematical approaches towards the students' math learning outcomes. *Jurnal Prima Edukasia*, 8(1), 78–85. <https://doi.org/10.21831/jpe.v8i1.32577>
- Rahmah, H., Turmudi, T., Herman, T., & Suhendra, S. (2024). How are students' creative reasoning abilities in solving straight-line equation problems? *Kalamatika: Jurnal Pendidikan Matematika*, 9(1), 65–82. <https://doi.org/https://doi.org/10.22236/KALAMATIKA.vol9no1.2024pp65-82> This
- Rismawati, M., Andau, A. S. R. H. V., & Yopita. (2023). Kemampuan Pemahaman Konsep Matematis Siswa Dalam Menyelesaikan Soal pada Relasi dan Fungsi. *EduMatSains*, 7(2), 244–253.
- Rosa, M., & Orey, D. (2011). Ethnomathematics: the cultural aspects of mathematics. *Revista Latinoamericana de Etnomatemática*, 4(2), 32–54. <http://www.revista.etnomatematica.org/index.php/RLE/article/view/32>
- Schukajlow, L. V. S., Dooren, Star, J., & Van, W. (2020). Word problems in mathematics education: a survey. *ZDM Mathematics Education*. <https://doi.org/https://doi.org/10.1007/s11858-020-01130-4>
- Stylianides, G. J., Stylianides, A. J., & Weber, K. (2017). Research on the teaching and learning of proof: Taking stock and moving forward. *Compendium for Research in Mathematics Education*, 237–266.

- Wijaya, A., van den Heuvel-Panhuizen, M., & Doorman, M. (2015). Opportunity-to-learn context-based tasks provided by mathematics textbooks. *Educational Studies in Mathematics*, 89(1), 41–65. <https://doi.org/10.1007/s10649-015-9595-1>
- Wilson, L. O. (2016). Blooms Taxonomy Revised - Understanding the New Version of Bloom's Taxonomy. *A Taxonomy for Learning, Teaching, and Assessing: A Revision of Bloom's Taxonomy of Educational Objectives*, 1(1), 1–8.
- Yunus, N. A., Hulukati, E., & Djakaria, I. (2019). Pengaruh Pendekatan Kontekstual Terhadap Kemampuan Penalaran Matematis Ditinjau dari Gaya Kognitif Peserta Didik. *Jambura Journal of Mathematics*, 2(1), 30–38. <https://doi.org/10.34312/jjom.v2i1.2591>