

## DAFTAR PUSTAKA

- Abrami, P. C. *et al.* (2015) 'Strategies for Teaching Students to Think Critically: A Meta-Analysis', *Review of Educational Research*, 85(2), pp. 275–314. doi: 10.3102/0034654314551063.
- Amelia, R. and Ismail, I. (2020) 'Pemahaman Konsep Segiempat Siswa Ditinjau Dari Tipe Kepribadian Ekstrovert-Introvert Dan Jenis Kelamin', *Mathedunesa*, 9(1), pp. 231–240. doi: 10.26740/mathedunesa.v9n1.p231-240.
- Anderson, L. W. *et al.* (2001) *Taxonomy for Assessing a Revision OF BLOOM'S TAXONOMY OF Educational Objectives*. Available at: <https://www.uky.edu/~rsand1/china2018/texts/Anderson-Krathwohl - A taxonomy for learning teaching and assessing.pdf>.
- Anggraeni, D. M. and Sole, F. B. (2020) 'Developing creative thinking skills of STKIP weetebula students through physics crossword puzzle learning media using eclipse crossword app', *Journal of Physics: Conference Series*, 1521(2). doi: 10.1088/1742-6596/1521/2/022045.
- Annisa, R., Roza, Y. and Maimunah, M. (2021) 'Analisis Kemampuan Pemecahan Masalah Matematis Siswa SMP Berdasarkan Gender', *Jurnal Kependidikan: Jurnal Hasil Penelitian dan Kajian Kepustakaan di Bidang Pendidikan, Pengajaran dan Pembelajaran*, 7(2), p. 481. doi: 10.33394/jk.v7i2.3688.
- Arnawati, N. (2022) 'Analysis of Critical Thinking Capabilities in Solving the Problems of Building Space Based on the Student ' s Introvert Personality Type', 6(2), pp. 2394–2400.
- Baharuddin, B. and Wahyuni, E. N. (2008) *Teori belajar dan pembelajaran*. Available at: <http://repository.uin-malang.ac.id/6124/>.
- Bahrudin, E. R. (2019) 'Profil Pemahaman Konsep Siswa Kelas Vii Materi Bangun Datar Ditinjau Dari Tipe Kepribadian Ekstrovert Dan Introvert': *Jurnal Pendidikan Matematika*, 7(2), p. 168. doi: 10.20527/edumat.v7i2.6408.
- Basri, H. and As,ari, A. R. (2018) 'Improving The Critical Thinking Ability of Students to Solve Mathematical Task', *JIPM (Jurnal Ilmiah Pendidikan Matematika)*, 7(1), p. 13. doi: 10.25273/jipm.v7i1.3013.
- Bogdan, B. and Bilken, S. K. (1992) 'Quality research for education: An introduction to theory and methods', *Qualitative Research For Education An Introduction to Theory and Methods* : : Allyn and Bacon., pp. 106–156.
- Boud, D., Lawson, R. and Thompson, D. G. (2015) 'The Calibration of Student Judgement through Self-assessment', *Higher Education Research & Development*, 34(1), pp. 45–59.
- Brookhart, S. M. *How to Assess Higher Order Thinking Skills in Your Classroom*. Alexandria, VA; ASCD.

- Cain, Susan. 2014. *Quiet, Daya Introvert Di Dalam Dunia Yang Tidak Berhenti Bicara*. Yogyakarta: Andi Offset.
- Chaldini, R., Cialdini, R. B. and Попов, B. (2001) *Fourth edition Оглавление*.
- Creswell, Jhon W. 2014. *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches*. Lincoln. University of Nebraska.
- Dasar, M. S. (2020) 'Retraction: [Reading Comprehension through the FIVES Model and Guided Reading Model to Improve Critical Thinking Ability in the Industrial Revolution Era 4.0]', *Mimbar Sekolah Dasar*, 7(2), p. 171. doi: 10.17509/mimbar-sd.v7i2.27139.
- Din, M. (2020) 'Evaluating university students' critical thinking ability as reflected in their critical reading skill: A study at bachelor level in Pakistan', *Thinking Skills and Creativity*. Elsevier Ltd, 35, p. 100627. doi: 10.1016/j.tsc.2020.100627.
- Dossey, L. (2016) 'Introverts: A Defense', *Explore: The Journal of Science and Healing*, 12(3), pp. 151–160. doi: 10.1016/j.explore.2016.02.007.
- Ekawati (2019). Teori Belajar Menurut Aliran Psikologi Kognitif Serta Implikasinya Dalam Proses Belajar Dan Pembelajaran. *Jurnal Pendidikan*. Vol.7(4):1-12)
- Ennis, R. H. (1996) 'Critical Thinking Dispositions: Their Nature and Assessability', *Informal Logic*, 18(2), pp. 165–182. doi: 10.22329/il.v18i2.2378.
- Eysenck, H. J. (1956) 'The inheritance of extraversion-introversion', *Acta Psychologica*, 12, pp. 95–110. doi: 10.1016/0001-6918(56)90010-5.
- Facione, P. A. (2016) *Critical Thinking: What It Is and Why It Counts*.
- Fukuda, K. (2020) 'Science, technology and innovation ecosystem transformation toward society 5.0', *International Journal of Production Economics*. Elsevier B.V., 220. doi: 10.1016/j.ijpe.2019.07.033.
- Gagné, R. M., Ausubel, D. P. and Gagne, R. M. (1969) 'Educational Psychology: A Cognitive View', *American Educational Research Journal*, p. 287. doi: 10.2307/1161899.
- García, T. *et al.* (2019) 'Planning, execution, and revision in mathematics problem solving: Does the order of the phases matter?', *Studies in Educational Evaluation*. Elsevier, 61(February), pp. 83–93. doi: 10.1016/j.stueduc.2019.03.001.
- Gojkov, G., Stojanovi, A. and Gojkov, A. (2015) 'Critical Thinking Of Students – Indicator Of Quality In Higher Education', 191(2012), pp. 591–596. doi: 10.1016/j.sbspro.2015.04.501.
- Gu, X., Dijksterhuis, A. and Ritter, S. M. (2019) 'Fostering children's creative thinking skills with the 5-I training program', *Thinking Skills and Creativity*. Elsevier, 32(October 2018), pp. 92–101. doi: 10.1016/j.tsc.2019.05.002.
- Hadar, L. L. and Tirosh, M. (2019) 'Creative thinking in mathematics curriculum: An analytic

- framework', *Thinking Skills and Creativity*. Elsevier, 33(September 2018), p. 100585. doi: 10.1016/j.tsc.2019.100585.
- Hadi, S. *et al.* (2018) 'The Difficulties Of High School Students in Solving Higher-Order', 76(4).
- Hamdi, S., Suganda, I. A. and Hayati, N. (2018) 'Developing higher-order thinking skill (HOTS) test instrument using Lombok local cultures as contexts for junior secondary school mathematics', *Research and Evaluation in Education*, 4(2), pp. 126–135. doi: 10.21831/reid.v4i2.22089.
- Heard, J. *et al.* (2020) 'Critical Thinking: Skill Development Framework', *The Australian Council for Educational Research (ACER)*, (June), pp. 1–26.
- Helsinki, E. P. (1997) 'The state-of-art in mathematical creativity', *ZDM - International Journal on Mathematics Education*, 29(3), pp. 63–67. doi: 10.1007/s11858-997-0001-z.
- Heong, Y. M. *et al.* (2011) 'The Level of Marzano Higher Order Thinking Skills among Technical Education Students', 1(2).
- Heong, Y. M. *et al.* (2012) 'The Needs Analysis of Learning Higher Order Thinking Skills for Generating Ideas', *Procedia - Social and Behavioral Sciences*, 59, pp. 197–203. doi: 10.1016/j.sbspro.2012.09.265.
- High, S. (2017) 'Development of an Instrument to Measure Higher Order Thinking Skills in Development of an Instrument to Measure Higher Order Thinking Skills in Senior High School Mathematics Instruction', (July). doi: 10.21009/JISAE.011.05.
- Huber, C. R. and Kuncel, N. R. (2016) 'Does College Teach Critical Thinking? A Meta-Analysis', *Review of Educational Research*, 86(2), pp. 431–468. doi: 10.3102/0034654315605917.
- Jazuli, A. and Lathifah, M. (2018) 'Deskripsi Kemampuan Pemecahan Masalah Matematis pada Soal Cerita Berdasarkan Tipe Kepribadian Ekstrovert-Introvert Siswa SMP Negeri 6 Rembang', *AlphaMath: Journal of Mathematics Education*, 4(1), p. 23. doi: 10.30595/alphamath.v4i1.7352.
- John, O. P., Naumann, L. P., & Soto, C. J. (2008). Paradigm shift to the integrative big five trait taxonomy. In O. P. John, R. W. Robins, & L. A. Pervin (Eds.). *Handbook of personality: Theory and research* (pp. 114–156). New York, NY: Guilford.
- Kane, S. N., Mishra, A. and Dutta, A. K. (2016) 'Preface: International Conference on Recent Trends in Physics (ICRTP 2016)', *Journal of Physics: Conference Series*, 755(1). doi: 10.1088/1742-6596/755/1/011001.
- Klang, N. *et al.* (2021) 'Mathematical Problem-Solving Through Cooperative Learning—The Importance of Peer Acceptance and Friendships', *Frontiers in Education*, 6(August), pp. 1–10. doi: 10.3389/educ.2021.710296.
- Koenigstein, S. *et al.* (2020) 'A game-based education approach for sustainable ocean

- development', *ICES Journal of Marine Science*, 77(5), pp. 1629–1638. doi: 10.1093/icesjms/fsaa035.
- Kristanti, Z. Y. and Wijayanti, P. (2022) 'Kemampuan Komunikasi Matematis Siswa Smp Dalam Memecahkan Masalah Matematika Ditinjau Dari Tipe Kepribadian Ekstrovert-Introvert', *Jurnal Penelitian Pendidikan Matematika Dan Sains*, 5(2), pp. 43–57. doi: 10.26740/jppms.v5n2.p43-57.
- Kusumatusti, Adhi, Ahmad Mustamil. K, 2019. *Metode Penelitian Kualitatif*. Semarang: Lembaga Pendidikan Sukarno Pressindo.
- Larsson, K. (2017) 'Understanding and teaching critical thinking—A new approach', *International Journal of Educational Research*, 84(December 2016), pp. 32–42. doi: 10.1016/j.ijer.2017.05.004.
- Legowo, B. *et al.* (2019) 'Increasing Competency 4C using The G-Suite Application for Education', *International Journal of Active Learning*, 4(2), pp. 168–171.
- Lesh, R. and Harel, G. (2003) 'Problem Solving, Modeling, and Local Conceptual Development', *Mathematical Thinking and Learning*, 5(2–3), pp. 157–189. doi: 10.1080/10986065.2003.9679998.
- Li, L. *et al.* (2020) 'Assessing kindergarteners' mathematics problem solving: The development of a cognitive diagnostic test', *Studies in Educational Evaluation*, 66(March). doi: 10.1016/j.stueduc.2020.100879.
- Liu, O. L. *et al.* (2016) 'Assessing critical thinking in higher education: the HEIghten™ approach and preliminary validity evidence', *Assessment and Evaluation in Higher Education*, 41(5), pp. 677–694. doi: 10.1080/02602938.2016.1168358.
- Liu, T. and Csikszentmihalyi, M. (2020) 'Flow among introverts and extraverts in solitary and social activities', *Personality and Individual Differences*. Elsevier, 167(June), p. 110197. doi: 10.1016/j.paid.2020.110197.
- Lucas, B., Claxton, G. and Spencer, E. (2013) 'Progression in Student Creativity in School: First Steps Towards New Forms of Formative Assessments', *OECD Education Working Papers*, 86(86), p. 45. Available at: [http://www.oecd-ilibrary.org/education/progression-in-student-creativity-in-school\\_5k4dp59msdwk-en](http://www.oecd-ilibrary.org/education/progression-in-student-creativity-in-school_5k4dp59msdwk-en).
- Maison, M. *et al.* (2021) 'Correlation Of Science Process Skills On Critical Thinking Skills In Junior High School In Jambi City', ... *Penelitian Fisika dan ...*, 11(01), pp. 29–38. doi: 10.26740/jpfa.v11n1.p29-38.
- Martín-Fernández, E., Ruiz-Hidalgo, J. F. and Rico, L. (2019) 'Meaning and understanding of school mathematical concepts by secondary students: The study of sine and cosine', *Eurasia Journal of Mathematics, Science and Technology Education*, 15(12). doi: 10.29333/ejmste/110490.
- Marwiyah, S., Kamid, K. and Risnita, R. (2015) 'Pengembangan Instrumen Penilaian Keterampilan Berpikir Kreatif pada Mata Pelajaran IPA Terpadu Materi Atom, Ion, dan

- Molekul SMP Islam Al Falah', *Edu-Sains: Jurnal Pendidikan Matematika dan Ilmu Pengetahuan Alam*, 4(1). doi: 10.22437/jmpmipa.v4i1.2365.
- Megawan, M. and Istiyono, E. (2019) 'Physics Creative Thinking Measurement using Two-Tier Multiple Choice to Support Science, Technology, Engineering, and Mathematics', *Journal of Physics: Conference Series*, 1233(1). doi: 10.1088/1742-6596/1233/1/012068.
- Montag-Smit, T. and Maertz, C. P. (2017) 'Searching outside the box in creative problem solving: The role of creative thinking skills and domain knowledge', *Journal of Business Research*. Elsevier, 81(November 2016), pp. 1–10. doi: 10.1016/j.jbusres.2017.07.021.
- OECD (2019) 'PISA 2021 creative thinking framework', *Oecd*, 53(9), pp. 1689–1699. Available at: <https://www.oecd.org/pisa/publications/PISA-2021-creative-thinking-framework.pdf>.
- Olson, J. A. (1998) 'How to encourage students in a library instruction session to use critical and creative-thinking skills: A pilot study', *Research Strategies*, 16(4), pp. 309–314. doi: 10.1016/s0734-3310(99)00017-8.
- Pangestu, N. S. and Hasti Yuniarta, T. N. (2019) 'Proses Berpikir Kreatif Matematis Siswa Extrovert dan Introvert SMP Kelas VIII Berdasarkan Tahapan Wallas', *Mosharafa: Jurnal Pendidikan Matematika*, 8(2), pp. 215–226. doi: 10.31980/mosharafa.v8i2.472.
- Pervin, Lawrence. A., . Daniel Cervone, Oliver P. John. 2012. *Psikologi Kepribadian: Teori dan Penelitian*. Jakarta: Kencana Prenada Media Group.
- Petric, D. (2019) 'Introvert , Extrovert and Ambivert', *The Knot Theory of Mind*, (September), pp. 1–4. doi: 10.13140/RG.2.2.28059.41764/2.
- Phan, H. P. (2010) 'Critical thinking as a self-regulatory process', *Psicothema*, 22(2), pp. 284–292.
- Piaw, C. Y. (2014) 'Effects of Gender and Thinking Style on Student's Creative Thinking Ability', *Procedia - Social and Behavioral Sciences*. Elsevier B.V., 116, pp. 5135–5139. doi: 10.1016/j.sbspro.2014.01.1087.
- Pradani, S. L. and Nafi'an, M. I. (2019) 'Analisis Kemampuan Pemecahan Masalah Siswa dalam Menyelesaikan Soal Matematika Tipe Higher Order Thinking Skill ( HOTS ) 1 dan Shimawaty Lutvy Pradani Muhammad Ilman Nafi ' an', *Jurnal Matematika Kreatif - Inovatif*, 10(2), pp. 112–118.
- Ramos, J. L. S., Dolipas, B. B. and Villamor, B. B. (2019) 'Higher Order Thinking Skills and Academic Performance in Physics of College Students : A Regression Analysis', (May).
- Rohaeti, E. E. and Koswara, D. (2018) 'Mathematical critical thinking and resiliency: Experiment of grade-7 students using scientific approach', *Jurnal Riset Pendidikan Matematika*, 5(2), pp. 223–232. doi: 10.21831/jrpm.v5i2.17322.
- Rohmah, N. Z. (2021) 'Mathematical critical thinking ability in terms of mathematical anxiety in Smart Card assisted Brain-Based Learning model', 10(20), pp. 63–70. doi: 10.15294/ujme.v10i1.41858.

- Rudianti, R., Aripin, A. and Muhtadi, D. (2021) 'Proses Berpikir Kritis Matematis Siswa Ditinjau Dari Tipe Kepribadian Ekstrovert dan Introvert', *Mosharafa: Jurnal Pendidikan Matematika*, 10(3), pp. 437–448. doi: 10.31980/mosharafa.v10i3.1038.
- Runco. (2007). *Creativity Theories and Themes: Research, Development, and Practice*. London: Elsevier Academic Pre
- S, S. U. (2012) 'Pengaruh Pembelajaran Matematika Realistik Terhadap Hasil Belajar Matematika Ditinjau Dari Motivasi Belajar', *Cakrawala Pendidikan*.
- Sari, H. I., Munawaroh, M. and Raharjo, H. (2020) 'Analysis of Student's Creative Thinking Ability in Mathematical Problem Solving in Terms of Extrovert and Introvert Personality Types', *Eduma: Mathematics Education Learning and Teaching*, 9(1), p. 34. doi: 10.24235/eduma.v9i1.6153.
- Schoenfeld, A. H. (1987) 'Pólya, Problem Solving, and Education', *Mathematics Magazine*, 60(5), pp. 283–291. doi: 10.1080/0025570x.1987.11977325.
- Schoenfeld, A. H. (2016) 'Learning to Think Mathematically: Problem Solving, Metacognition, and Sense Making in Mathematics (Reprint)', *Journal of Education*, 196(2), pp. 1–38. doi: 10.1177/002205741619600202.
- Septian, A. *et al.* (2022) 'Mathematical Problem Solving Ability in Indonesia', *Journal of Instructional Mathematics*, 3(1), pp. 16–25. doi: 10.37640/jim.v3i1.1223.
- Silver, E. A. (no date) 'Fostering Creativity through Instruction Rich in Mathematical Problem Solving and Problem Posing'.
- Silvia, F., Risnita and Syaiful (2015) 'Pengembangan Rubrik Keterampilan Berpikir Kreatif dalam Memecahkan Masalah Matematika Siswa Kelas VIII SMP Attaufiq Jambi Development of Rubrics for Creative Thinking Skill in Solving Problems in Mathematics for 8-Grade Students of SMP at Attaufiq Jambi', *Edu-Sains*, 4(1), pp. 10–21.
- 'Solving Based on Students Personality Type in Smpn 3' (no date), pp. 1–9.
- Solving, C. P. (2018) *Collaborative Problem-Solving, Encyclopedia of Social Network Analysis and Mining*. doi: 10.1007/978-1-4939-7131-2\_100128.
- Son, A. L., Darhim and Fatimah, S. (2020) 'Students' mathematical problem-solving ability based on teaching models intervention and cognitive style', *Journal on Mathematics Education*, 11(2), pp. 209–222. doi: 10.22342/jme.11.2.10744.209-222.
- Spradley, J. (1980) 'Review Reviewed Work ( s ): Participant Observation by James P . Spradley Review by: Nicola Tannenbaum Published by: The George Washington University Institute for Ethnographic Research Stable URL : <http://www.jstor.org/stable/3318111>', *Anthropological quaterly*, 53(March), pp. 4–7. doi: 10.2307/3318111.
- Suherman, S. and Vidákovich, T. (2022) 'Assessment of Mathematical Creative Thinking: A Systematic Review', *Thinking Skills and Creativity*. Elsevier Ltd, p. 101019. doi: 10.1016/j.tsc.2022.101019.

- Sumaryanta (2018) 'Penilaian HOTS dalam Pembelajaran Matematika, *Indonesian Digital Journal of Mathematics and Education*, 8(8), pp. 500–509.
- Suryanda, A. *et al.* (2020) 'Analogy and critical thinking skills: Implementation learning strategy in biodiversity and environment topic', *Universal Journal of Educational Research*, 8(4A), pp. 45–50. doi: 10.13189/ujer.2020.081807.
- Syaiful *et al.* (2020) 'Emotional quotient and creative thinking skills in mathematics', *Universal Journal of Educational Research*, 8(2), pp. 499–507. doi: 10.13189/ujer.2020.080221.
- Tanujaya, B. 2016. Development of an Instrument to Measure Higher Order Thinking Skills in Senior High School Mathematics Instruction'. *Journal of Education and Practice*, 7(21), 144-148.
- Tanujaya, B. , Jeinne Mumu. 2021. *HOTS dalam Pembelajaran Matematika: Kompilasi dan Analisis Hasil Penelitian*. Depok Raja Grafindo Persada
- Tauhid, R. (2020) 'Dasar-Dasar Teori Pembelajaran', *Pendas : Jurnal Ilmiah Pendidikan Dasar*, 1(2), pp. 32–38. Available at: <http://jurnal.stkipkieraha.ac.id/index.php/pendas/article/view/109>.
- Utomo, D. P. *et al.* (2022) 'Student ' s Critical Thinking Ability to Solve Problems HOTS in Regular , Acceleration , and Olympics Class Programs', 4185, pp. 125–135. doi: 10.24815/jdm.v9i1.23242.
- Widodo, S. A., Darhim, D. and Ikhwanudin, T. (2018) 'Improving mathematical problem solving skills through visual media', *Journal of Physics: Conference Series*, 948(1). doi: 10.1088/1742-6596/948/1/012004.
- Yildiz, C. and Guler Yildiz, T. (2021) 'Exploring the relationship between creative thinking and scientific process skills of preschool children', *Thinking Skills and Creativity*. Elsevier Ltd, 39(February), p. 100795. doi: 10.1016/j.tsc.2021.100795.
- Yusnaeni, Y. *et al.* (2017) 'Creative thinking of low academic student undergoing search solve create and share learning integrated with metacognitive strategy', *International Journal of Instruction*, 10(2), pp. 245–262. doi: 10.12973/iji.2017.10216a.