

DAFTAR PUSTAKA

- Abdullah, N. I., Tarmizi, R.A & Abu Rosini. 2010. The Effects of Problem Based Learning on Mathematics Performance and Affective Attributes in Learning Statistic at Form Four Secondary Level. *Procedia Social and Behavioral Science*. 8. 370-376. Doi:10.1016/j.sbspro.2010.12.052.
- Abdurrahman. 2009. *Pendidikan Bagi Anak Berkesulitan Belajar*. Jakarta: Rineka Cipta.
- _____. 2012. *Anak Berkesulitan Belajar*. Jakarta: Rineka Cipta.
- Abidin, Y. 2016. *Revitalisasi Penilaian Pembelajaran dalam Konteks Pendidikan Multiliterasi Abad Ke-21*. Bandung: Refika Aditama.
- Akman, Ozkan & Alagoz, Bulent. 2018. Relation between Metacognitive Awareness and Participation to Class Discussion of University Students. *Universal Journal of Educational Research*. 6(1):11-24. Doi: 10.13189/UJER.2019.060102.
- Aljeberi, Nahil.M & Gheith, Eman. 2015. University Student's Level of Metacognitive Thinking and Their Ability To Solve Problems. *American International Journal of Contemporary Research*. Vol.5. No.3.
- Amin, Ihdi & Sukestiyarno, Y.L. 2015. Analysis Metacognitive Skills on Learning Mathematics in High School. *International Journal of Education and Research*. Vol.3. No. 3. ISSN: 2201-6740.
- Anderson, O.W. & Krathwohl, D.R. 2001. *A Taxonomy for Learning Teaching, and Assessing: A Revision of Blooms Taxonomy of Educational Objectives*. New York: Addison Wesley Longman.
- Anggo, Mustamin. 2011. Perlibatan Metakognisi dalam Pemecahan Masalah Matematika. *Edumatica*. Vol.1.No.1. ISSN: 2088-2157.
- Ardeniyansah & Rosnawati, R. 2018. Implementation of Problem-Based Learning in terms of Student Mathematical Creative Thinking. *Journal of Physics: Conf. Series* 1097 (2018) 012111. Doi: 10.1088/1742-6596/1097/1/012111.
- Arends, R.I. 2008. *Learning to Teach, Belajar untuk Mengajar Edisi Ketujuh Jilid Dua*. Terjemahan oleh Soedjipto, Helly, P. dan Soedjipto, Sri, M. Yogyakarta: Pustaka Pelajar.
- Cahyo, Agus N. 2013. *Panduan Aplikasi Teori-Teori Belajar Mengajar Teraktual dan Terpopuler*. Yogyakarta: Diva Press.

- Ersoy, Esen & Baser, Nese. 2014. The Effects Of Problem-Based Learning Method in Higher Education on Creative Thinking. *Procedia- Social and Behavioral Sciences*. 116. 3494-3498. Doi:10.1016/j.sbspro.2014.01/790.
- Evans, James R. 1991. *Creative Thinking in the Decision and Management Sciences*. Cincinnati: South-Western Publishing Co.
- Fatokun, J.O. 2013. A Problem Based Learning (PBL) Application for Tneh Teaching of Mathematics and Chemistry In Higher School and Tertiary Education: An Integrative Approach. *Educational Research and Reviews*. V.8.N.11. P.663-667. ISSN: 1990-3839.
- Framework for Action. 2016. *Education 2030 Incheon Declaration and Framework for Action*. Republic of Korea: Unesco.
- Furaiza, Ariza. 2018. *Perbedaan Kemampuan Metakognisi dan Kemampuan Komunikasi Matematis Antara Siswa yang Diberi Pembelajaran Berbasis Masalah dan Pembelajaran Kooperatif Tipe Numbered Head Together (NHT) Di Smp Kartika I-2 Medan*. Unimed: Tesis.
- Gul, Fariha & Shehzad, Shumaila. 2012. Relationship Between Metacognition, Goal Orientation and Academic Achievement. *Procedia-Social and Behavioral Sciences*. 47. 1864-1868. Doi:10.1016/j.sbspro.2012.06.914.
- Hamalik, O. 2001. *Proses Belajar Mengajar*. Bandung: Bumi Aksara.
- Hamzah, Uno. 2011. *Model Pembelajaran. Menciptakan Proses Belajar Mengajar yang Kreatif dan Efektif*. Jakarta: Bumi Aksara.
- Hasratuddin. 2010. Meningkatkan Kemampuan Berpikir Kritis Siswa SMP Melalui Pendekatan Matematika Realistik. *Jurnal Pendidikan Matematika*. Volume 4. No. 2.
- _____. 2015. *Mengapa Harus Belajar Matematika*. Medan: Perdana Publishing.
- Haylock, Derek. 2007. *Key Concepts In Teaching Primary Mathematics*. Penerbit: SAGE. ISBN: 1849202451, 9781849202459.
- Hendriana, H., Rohaeti, E & Sumarmo, U. 2017. *Hard Skills and Soft Skills*. Bandung: PT. Refika Aditama.
- Hoseinzadeh, Davoud & Shoghi, Behzad. 2013. The Role of Metacognition Knowledge Component in Achievement of High School Male Students. *Procedia-Social and Behavioral Sciences*. 84. 1031-1035.doi:10.1016/j.sbspro.2013.06.693.
- Hudoyo, Herman. 2000. *Mengajar dan Belajar Matematika*. Jakarta: Departemen Pendidikan dan Kebudayaan.
- Isjoni. 2009. *Cooperative Learning*. Bandung: Alfabeta.

- Jayapraba, G. 2013. Metacognitive Instruction and Cooperative Learning-Strategies For Promoting Insightful Learning In Science. Research Scholar. University Tirunelveli India. *International Journal on New Trends in Education and Their Implications*. 4(5):165-172.
- Jihad, Asep & Haris, Abdul. 2009. *Evaluasi Pembelajaran*. Yogyakarta: Multi Pressindo.
- Johnson, G. 2004. CSSU Curriculum Frameworks. *Math Frameworks*. pp:1-21.
- Karsli, Temel Alper. 2015. Relation Among Meta-Cognition Level, Decision Making, Problem Solving and Locus of Control in a Turkish Adolescent Population. *Procedia- Social and Behavioral Sciences*. 205, 35-42.
- Kazemi, Farhad., Fadaee, Mohammad & Bayat, Sahar. 2010. A Subtle View To Metacognitive Aspect of Mathematical Problems Solving. *Procedia-Social and Behavioral Sciences*. 8(2010).420-426. Doi:10.1016/j.sbspro.2010.12.058.
- Khoiri, Wafik., Rochmad & Cahyono, Adi Nur. 2013. Problem Based Learning Berbantuan Multimedia Dalam Pembelajaran Matematika Untuk Meningkatkan Kemampuan Berpikir Kreatif. *Unnes Journal of Mathematics Education*. 2(1). ISSN:2252-6927.
- Kumalasari, Ade., Oktora, Rizky., Prihadini & Putri, Eka. 2013. Kesulitan Belajar Matematika Siswa Ditinjau Dari Segi Kemampuan Koneksi Matematika. *Prosiding Seminar Nasional Matematika dan Pendidikan Matematika FMIPA UNY*. ISBN: 978-979-16353-9-4. P-2. Hal.8.
- Laurens, Theresia. 2010. Penjenjangan Metakognisi Siswa yang Valid Dan Reliabilitas. *Jurnal Pendidikan dan Pembelajaran*. Vol. 17. No. 2.
- Lestari, Wahyu., Pratama, L.D & Jailani. 2018. Metacognitive Skills in Mathematics Problem Solving. *Jurnal Inovasi Pendidikan Matematika*. Volume 6. No. 3.
- Maharani. H. R., Sukestiyarno, and Waluya. Budi. 2017. Creative Thinking Process Based on Wallas Model in Solving Mathematics Problem. *International Journal on Emerging Mathematics Education (IJEME)*, Vol. 1, No. 2, September 2017, pp. 177-184, P-ISSN: 2549-4996, E-ISSN: 2548-5806, Doi: <http://dx.doi.org/10.12928/ijeme.v1i2.5783>.
- Merritt, Joi., Lee, Mi Yeon., Rillero, Peter & Kinach, Barbara M. 2017. Problem-Based Learning In K-8 Mathematics and Science Education: A Literature Review. *Interdisciplinary Journal of Problem-Based Learning*. Volume 11. Issue 2. <http://dx.doi.org/10.7771/1541-5015.1674>.
- Miles, M.B & Huberman, A.M. 1994. *Qualitative Data Analysis: An Expanded Sourcebook Thousand Oaks*. CA: Sage Publications.

- Moleong, Lexy J. 2016. *Metodologi Penelitian Kualitatif*. Bandung: PT. Remaja Rosdakarya Offset.
- Mudlofir, Ali & Rusydiyah, Evi Fatimatur. 2017. *Desain Pembelajaran Inovatif dari Teori Ke Praktik*. Jakarta: PT. Raja Grafindo Persada.
- Muhson, Ali. 2009. Peningkatan Minat Belajar dan Pemahaman Mahasiswa Melalui Penerapan *Problem-Based Learning*. *Jurnal Pendidikan*. Volume 39 No 2: 171-182.
- Munandar, Utami. 2012. *Kreativitas dan Keberbakatan Strategi Mewujudkan Potensi Kreatif dan Bakat*. Jakarta : PT. Grasindo.
- Mustafa., Sinaga, Bornok & Asmin. 2017. Development of Learning Devices Through Problem Based Learning Model to Improve Students Metacognition Skill at SMPN 17 Medan. *Journal of Education and Practice*. Vol. 8. No. 24. ISSN: 2222-1735.
- Nadjafikhah, M., Yaftian, N., & Bakhsbalizadeh, S. 2012. Mathematical Creativity: some definitions and characteristics. *Procedia-Social and Behavioral Sciences*, 31, 285-291.
- Nakhanu, Shikuku Beatrice & Musasia, Amadalo Murice. 2015. Problem Based Learning Technique and Its Effect on Acquisition of Linear Programming Skills by Secondary School Students in Kenya. *Journal of Education and Practice*. Vol. 6. No. 20. ISSN: 2222-288X (Online).
- North Central Regional Educational Laboratory (NCREL). 2007. Metacognition. (Online), <http://www.ncrel.org/sdrs/areasissues/students/learning/lrlmetn.html> _diakses 20 November 2017.
- Nurmalasari, Linda R., Winarso, Widodo & Nurhayati, Eti. 2015. Pengaruh Kemampuan Metakognisi Terhadap Hasil Belajar Matematika di SMP Negeri 2 Leuwimunding Kabupaten Majalengka. *Nusantara of Research*. Volume 2, No. 2. ISSN: 255-7249.
- Ozcan, Z. C. & Erkin, E. 2015. Enhancing Mathematics Achievement of Elementary School Students Through Homework Assignments Enriched with Metacognitive Question. *Eurasia Journal of Mathematics, Science & Technology Education*. Vol.11(6):1415-1427.
- Panoura, A. dkk. 2005. Young Pupil's Metacognitive Ability In Mathematics. *European Research in Mathematics Education III*, University of Cyprus, Cyprus.(Online). Page 1-9.
- Peraturan Menteri Pendidikan dan Kebudayaan Republik Indonesia Nomor 23 Tahun 2016 tentang *Standar Penilaian Pendidikan*. Jakarta: Permendikbud.

- Peraturan Menteri Pendidikan dan Kebudayaan Republik Indonesia Nomor 58 Tahun 2014 tentang *Kurikulum 2013 Sekolah Menengah Pertama/Madrasah Tsanawiyah*. Jakarta: Permendikbud.
- Peraturan Menteri Pendidikan Nasional Indonesia Nomor 22 Tahun 2006 *Tentang Tujuan Pembelajaran Matematika*. Jakarta: Permendiknas.
- Purba, E. P. 2017. *Analysis of the Difficulties of the Mathematical Creative Thinking Process in the Application of Problem Based Learning Model*. *Advances in Social Science, Education and Humanities Research*, volume 104, pp: 265-268.
- Ranjanie, B & Rajeswari, V. 2016. Metacognitive Awareness And Academic Achievement In Genetics Through problem Based Learning. *International Journal of Current Research*. Vol. 8, Issue, 01, pp.25883-25884, January, 2016, ISSN: 0975-833X.
- Riyanto, Y. 2010. *Paradigma Baru Pembelajaran*. Jakarta : Rineka Cipta.
- Rosnawati, R. 2016. *Guru Pembelajar Modul Matematika SMA, Kelompok Kompetensi B*. Jakarta: Dirjen GTK Kemdikbud.
- Ruseffendi, E. T. 1998. *Dasar-dasar Penelitian Pendidikan dan Bidang Non Eksakta Lainnya*. Bandung: Tarsito.
- Rusman. 2011. *Model-Model Pembelajaran Mengembangkan Profesionalisme Guru*. Bandung: PT. RajaGrafindo Perkasa.
- _____. 2012. *Model-Model Pembelajaran Mengembangkan Profesionalisme Guru Edisi Kedua*. Jakarta: PT. Raja Grafindo Persada.
- _____. 2014. *Model-Model Pembelajaran: Mengembangkan Profesionalisme Guru*. Jakarta: PT. Raja Grafindo.
- Sagala, S. 2014. *Konsep dan Makna Pembelajaran*. Bandung : Penerbit Alfa Beta.
- Sani . R,A . 2013. *Inovasi Pembelajaran*. Jakarta : Penerbit Bumi Aksara.
- Saragih, Sahat dan Habeahan, Winmery L. 2014. The Improving of Problem Solving Ability and Students Creativity Mathematical by Using Problem Based Learning In SMP Negeri 2 Siantar. *Journal of Education and Practice*. Vol.5.No.35. ISSN: 2222-1735.
- Sart, Gamze. 2014. The Effects of the Development of Metacognition on Project-Based Learning. *Procedia- Social and Behavioral Sciences*, 152, 131-136.
- Sastrawati, Eka, dkk. 2011. Problem-Based Learning Strategi Metakognisi, Dan Keterampilan Berpikir Tingkat Tinggi. *Jurnal Tekno-Pedagogi*. Vol.1. No.2. Hal: 1-14. ISSN 2088-205 X.

- Sengul, Sare & Katranci, Yasemin. 2012. Metacognitive Aspects of Solving Function Problems. *Procedia-Social and Behavioral Sciences* 46 (2012) 2178-2182. Doi: 10.1016/j.sbspro.2012.05.450.
- _____. 2015. Meta-cognitive Aspects of Solving Indefinite Integral Problems. *Procedia-Social and Behavioral Sciences*. 197 (2015) 622-629. Doi: 10.1016/j.sbspro.2015.07.205.
- Setiawani, S., Fatahillah, A., Oktavianingtyas, E & Wardani, D.Y. 2019. The Student's Creative Thinking Process in Solving Mathematics Problem Based on Wallas' Stages. *IOP Conf. Series: Earth and Environmental Science*. Doi:10.1088/1755-1315/243/1/012052.
- Shahbodin, Faaizah & Rosli, Zareena. 2013. The use of PBL Math Game as a Problem based learning tool. *4rd International Research Symposium on Problem-Based Learning*. Page 1-6.
- Sholeh, M. 1998. *Pokok-Pokok Pengajaran Matematika di Sekolah*. Jakarta: Departemen Pendidikan dan Kebudayaan RI.
- Siahaan, S. 2006. *Artikel Teaching Grant:3-4;23-30*. Medan: Universitas Negeri Medan.
- Sinaga, Bornok. 2007. *Buku Model PBM-B3*. Surabaya: PPs Universitas Negeri Surabaya.
- Siswono. 2006. *Desain Tugas Mengidentifikasi Kemampuan Berpikir Kreatif dalam Matematika*. Jurnal Terakreditasi "Pancaran Pendidikan". FKIP Universitas Negeri Jember. Tahun XIX. No.63. April 2006. ISSN: 0852-601X. hal 495-509.
- Sophonhiranraka, Samoekan; Suwannathachoteb, Praweenya; Ngudgratokec, Sungworn. 2014. *Factor Affecting Creative Problem Solving in the Blended Learning Environment: a review of the literature*. Thailand: Elsevier LTd.
- Steen, L.A. 2001. *Mathematics and Democracy: The case for quantitative literacy*. Princeton, NJ: National Council on Education and the Disciplines.
- Strauss, Anserm, Corbin, Juliet. 2003. *Dasar-Dasar Penelitian Kualitatif*. Yogyakarta: Pustaka Pelajar.
- Sugiyono. 2009. *Metodelogi Penelitian Pendidikan*. Bandung: Alfabeta.
- _____. 2012. *Metodologi Penelitian Pendidikan*. Bandung: Alfabeta.
- _____. 2016. *Metodelogi Penelitian Pendidikan*. Bandung: Alfabeta.
- Suherman, Erman. 2003. *Evaluasi Pembelajaran Matematika*. Bandung: JICA. UPI.

- Suriasumantri, Jujun, S. 2012. *Filsafat Ilmu Sebuah Pengantar Populer*. Jakarta: Pustaka Sinar Harapan.
- Suripah, and Retnawati. H. 2019. Investigating Students' Mathematical Creative Thinking Skill Based On Academic Level And Gender. *International Journal Of Scientific & Technology Research*, Volume. 8, Issue. 0, August 2019. ISSN. 2277-8616.
- Surya, E., & Syahputra, E. 2017. "Improving High Level Thingking Skill by Development of Learning PBL Approach on The Learning Mathematics For Senior High School Students". *Journal of International Education studies* .10(8) :12–20.
- Susanto, Ahmad. 2013. *Teori Belajar dan Pembelajaran di Sekolah Dasar*. Jakarta: Kencana Prenada Media Group.
- Syah, Muhibbin. 2002. *Psikologi Belajar*. Jakarta: PT. Raja Grafindo Persada.
- Tan, Chin Pei; Van der Molen, H.T; Schmidt, H.G. 2015. *To What Extent does Problem Based Learning Contribute to Students' Professional Identity Development?*. Singapore: Elsevier LTD.
- Tan, Oon Seng. 2009. *Problem Based Learning and Creativity*. Singapore: Cengage Learning Asia.
- Tarmizi, Rohani Ahmad., Bayat, Sahar. 2012. Collaborative Problem-Based Learning In Mathematics: A Cognitive Load Perspective. *Procedia- Social and Behavioral Sciences*. 32. 344-350.
- Teaching Ecclence Adult Literacy (TEAL). 2010. *Metacognitive Process*. Boston. *American Institute for Research*.
- Tosun, Cemal & Senocak, Erdal. 2013. The Effects of Problem-Based Learning on Metacognitive Awareness and Attitudes Toward Chemistry of Prospective Teachers with Different Academic Backgrounds. *Australian Journal of Teacher Education*. Volome. 38. Issue. 3.
- Trianto. 2011. *Mendesain Model-Model Pembelajaran Inovatif-Progresif*. Jakarta: Kencana Prenada Media Group.
- Undang-Undang Republik Indonesia Nomor 20 Tahun 2003 *Tentang Sistem Pendidikan Nasional Bab X Pasal 37 Ayat 1*. Jakarta: UU RI
- Wallas, G. 1926. *The Art of Thought*. London: Jonathan Cape.
- Wardoyo, S.M. 2013. *Pembelajaran Konstruktivisme*. Bandung: Penerbit Alfabeta.
- Warkitri. 1990. *Penilaian Pencapaian Hasil Belajar*. Jakarta: Karunika.

- Wijaya, Ariyadi. 2012. *Pendidikan Matematika Realistic, Suatu Alternative Pendekatan Pembelajaran Matematika*. Yogyakarta: Graha Ilmu.
- Wijaya, L., Rochmad & Agoestanto, A. 2016. Analisis Kemampuan Berpikir Kreatif Matematis Siswa Smp Kelas VII Ditinjau Dari Tipe Kepribadian. *Unnes Journal of Mathematics Education*. 5.2.2016. e-ISSN: 2460-5840.
- William, Judith. C., & Paltridge, Deborah. J. 2016. *What We Think We Know About the Tutor in Problem Realistic Mathematic Education*. Australia: Elsevier Ltd.
- Wilson, Jeni & Clark, David. 2004. Toward the Modelling of Mathematical Metacognition. *Mathematics Education Research Journal*. Vol. 16. No. 2. 25-48.
- Wulandari. 2018. *Analisis Kemampuan Metakognisi Siswa dalam Pemecahan Masalah Matematis pada Pembelajaran Berbasis Masalah di SMA Negeri 1 Binjai*. Tesis. Pps Unimed.
- Young, Andria., Fry, Jane D. 2008. Metacognitive Awareness and Academic Achievement in College Students. *Journal of the Scholarship of Teaching and Learning*. Vol.8, No.2, pp.1-10.