

DAFTAR PUSTAKA

- Abidin, M. J. Z. 2011. *Learning Styles and Overall Academic Achievement in a Specific Educational Systems*. International Journal of Humanities and Social Science. Vol. 1 No. 10; August 2011, pp: 143-152.
- Aljaberi, M. Nahil. 2015. *University Students' Learning Styles and Their Ability to Solve Mathematical Problems*. International Journal of Business and Social Science. Vol. 6, No. 4(1); April 2015, pp: 152-165.
- Alkathiri, F. 2018. *A Systematic Review: The Relationship Between Learning Style and Creative Thinking Skills*. English Language and Literature Studies. Vol. 8, No. 1, 2018, pp: 34-44.
- Arends, R. I. 2007. *Learning to Teach Seventh Edition*. Central Connecticut State University.
- Arikunto, S. 2012. *Dasar-Dasar Evaluasi Pendidikan*. Jakarta: PT. Bumi Aksara.
- Banjarnahor, S. 2017. *Analisis Kemampuan Pemecahan Masalah dan Penalaran Matematis dalam Penerapan Model Pembelajaran Berbasis Masalah Ditinjau dari Gaya Belajar Siswa di Kelas VII SMP Brigjend Katamso*. Tesis. Medan: PPs Universitas Negeri Medan.
- Banjarnahor, S. Sinaga, B. & Napitupulu, S. 2017. *Analysis of Problem Solving Ability in Appling Problem Based Learning Reviewed From the Learning Style*. Jurnal of Education and Practice. Vol. 8, No. 34, 2017, pp: 127-135
- Baker, C. M. 2007. *Evaluating the impact of Problem-based Learning in Learning Style of Master's Students in Nursing Administration*. Procedia: Journal Professional Nursing. Volume 2, Issue 4, 2007, pp: 214-219.
- Cavas, B. 2010. *A Study on Pre-service, Class and Mathematics Teachers' Learning Styles in Turkey*. Science Education International. Vol. 21, No. 1, March 2010, pp: 47-61.
- Chatib, M. 2016. *Orangtuanya Manusia (Melejitkan Potensi dan Kecerdasan dengan Menghargai Fitrah Setiap Anak)*. Bandung: Kaifa Learning.
- Choridah, D. T. 2013. *Peran Pembelajaran Berbasis Masalah Untuk Meningkatkan Kemampuan Komunikasi dan Berpikir Kreatif Serta Disposisi Matematis Siswa SMA*. INFINITY. Vol. 2, No. 2, September 2013, pp: 194-202.

- Cox, D. T. 2013. *Learning Styles and Admission Criteria as Predictors of Academic Performance of College Freshmen*. Insitute Learning Styles Research Journal. Volume 1, Spring 2013, pp: 1-10.
- Deporter, B & Hernacki, M. 2016. *Quantum Learning*. Bandung: Kaifa Learning.
- Djamarah, S, B. 2002. *Psikologi Belajar*. Jakarta: Rineka Cipta.
- Elsie, Kiguli-M. 2010. *Evaluation of Ultrasound Training in the Problem Based Learning Radiogrhaply Curriculum at Makerere University, Uganda*. Elsevier: The Society and College Radiographers (2010) 16, pp: 314-320.
- Eishani, A. K. 2014. *The Relationship Between Learning Style and Creativity*. Procedia: Social and Behavioral Sciences 114 (2014), pp: 52-55.
- Erdogan, T. 2009. *The effect of the Van Hiele Model Based instruction on the Creative Thinking Levels of 6th Grade Primary School Students*. Educational Sciences: Theory & Practice. 9 (1), Winter 2009, pp: 181-194.
- Eviyanti, C. Y. Surya, E, Syahputra, E. & Simbolon, M. 2017. *Improving the Student's Mathematical Problem Solving Ability by Applying Problem Based Learning Model in VII Grade at SMPN 1 Banda Aceh Indonesia*. International Journal of Novel Research in Education and Learning. Vol.4, Issue 2, pp: 138-144.
- Fahradina, N. 2014. *Peningkatan Kemampuan Komunikasi Matematis dan Kemandirian Belajar Siswa SMP dengan Menggunakan Model Investigasi Kelompok*. Jurnal Didaktik Matematika. Vol. 1, No. 1, September 2014, pp: 54-64.
- Fardah, D. K. 2012. *Analisis Proses dan Kemampuan Berpikir Kreatif Siswa dalam Matematika Melalui Tugas Open-Ended*. Jurnal Kreano. Vol. 3, No. 2, Desember 2012, pp: 1-9.
- Fennema, E. & Romberg, T. A. 2000. *Mathematics Classrooms That Promote Understanding*. The Studies in Mathematical Thinking and Learning Series, ZDM 2000, pp: 45-50.
- Firdausi, Y. N. 2018. *Analisis Kemampuan Berpikir Kreatif Siswa Ditinjau dari Gaya Belajar pada Pembelajaran Model Eliciting Activities (MEA)*. Journal UNNES. Prisma 1, 2018, pp: 239-247.
- Framework for Action. 2016. *Education 2030 Incheon Declaration and Framework for Action*. Republic of Korea: Unesco. 2016.
- Gilakjani, A. P. 2012. *Visual, Auditory, Kinaesthetic Learning Styles and Their Impacts on English Languange Teaching*. Journal of Studies in Education. Macrothink Insitute. Vol.2, No.1, pp: 104-113.

- Gooden, J. D. 2009. *An Examination of Kolb's Learning Style Inventory*. American Journal of Business Education. Vol. 2, No. 3, May/June 2009, pp: 57-62.
- Gorghiu, G. 2015. *Problem-Based Learning- An Efficient Learning Strategy in the Science Lessons Context*. Elsevier: Procedia – Social and Behavioral Sciences 191 (2015), pp: 1865-1870.
- Haryati, L. 2013. *Kesulitan-Kesulitan yang Dihadapi dalam Menyelesaikan Soal Matematika Bentuk Cerita*. Yogyakarta: Universitas Negeri Yogyakarta.
- Hassoubah, A. I. 2004. *Developing Creative & Critical Thinking Skills*. Bandung: Penerbit Nuansa.
- Hasratuddin. 2015. *Mengapa Harus Belajar Matematika*. Medan: Perdana Publishing.
- Hasratuddin. 2014. *Pembelajaran Matematika Sekarang dan yang akan Datang Berbasis Karakter*. Jurnal Didaktik Matematika, Vol.1, No.2, September 2014, pp: 30-42.
- Hasratuddin. 2013. *Membangun Karakter Melalui Pembelajaran Matematika*. Jurnal Pendidikan Matematika PARADIKMA. Vol. 6, No. 2, 2013, pp: 130-141.
- Hendriana, H. 2018. *The Role of Problem-Based Learning to Improve Students' Mathematical Problem-Solving Ability and Self Confidence*. Journal on Mathematics Education. Vol. 9, No. 2, July 2018, pp: 291-300.
- H. J. Yew, E. 2016. *Problem-Based Learning: An Overview of its Process and Impact on Learning*. Elsevier: Health Professions Education 2 (2016), pp: 75-79.
- Houwer, J. D. 2013. *What is Learning? On the Nature and Merits of a Functional Definition of Learning*. Springer: Theoretical Review. Published Online: 29 Januari 2013; pp: 1-12.
- Kolb, A. Y. & Kolb, D. A, 2005. *Kolb Learning Style Inventory On-line (Version 3.1) Interpretive Report*. Experience Based Learning Systems, Inc, Hay Group Inc.
- Kolb, A. Y. & Kolb, D. A, 2013. *The Kolb Learning Style Inventory 4.0 (A Comprehensive Guide to the Theory, Psychometrics, Research on Validity and Educational Applications)*. Experience Based Learning Systems, Inc.
- Koob, J. J. 2002. *Kolb's Learning Style inventory: Issues of Reliability and Validity*. Research on Social Work Practice. Vol. 12, No. 2, March 2002, pp: 293-308.

- Kumalasari, A. 2013. *Kesulitan Belajar Matematika Siswa Ditinjau dari Segi Kemampuan Koneksi Matematika*. Yogyakarta: Universitas Negeri Yogyakarta.
- Laisema, S. 2014. *Design of Collaborative Learning with Creative Problem-Solving Process Learning Activities in a Ubiquitous Learning Environment to Develop Creative Thinking Skills*. Elsevier: Procedia - Social and Behavioral Sciences 116 (2014), pp: 3921-3926.
- Machromah, I. U. 2015. *Analisis Proses dan Tingkat Berpikir Kreatif Siswa SMP dalam Pemecahan Masalah Bentuk Soal Cerita Materi Lingkaran Ditinjau Dari Kecemasan Siswa*. Jurnal Elektronik Pembelajaran Matematika. Vol. 3, No. 6, Agustus 2015, pp: 613-624.
- Maharani, H. R. 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.
- Manolis, C. 2013. *Assessing Experiential Learning Styles: A Methodological Recontruction and Validation of the Kolb Learning Style Inventory*. Elsevier: Learning and Individual Differences 23 (2013), pp: 44-52.
- Marliani, N. 2015. *Peningkatan Kemampuan Berpikir Kreatif Matematis Siswa Melalui Model Pembelajaran Missouri Mathematics Project (MMP)*. Journal Formatif 5(1): 2015, pp: 14-25.
- Moleong, Lexy J. 2013. *Metodologi Penelitian Kualitatif*. Bandung: PT. Remaja Rosdakarya Offset.
- Munahefi, D.N. 2017. *Analysis of Creative Mathematic Thinking Ability in Problem Based Learning Model Based on Self-Regulation Learning*. IOP Publishihing Series 983 (2017), pp: 1-5.
- Munandar, U. 2012. *Pengembangan Kreativitas Anak Berbakat*. Jakarta: PT Rineka Cipta.
- Nasution, T. K. 2017. *An Analysis of Syudent's Mathematical Creative Thinking Ability Senior High School on Geometry*. IJARIII – ISSN(O) – 2395 – 4396. Vol – 3 Issue – 2 2017, pp: 3860-3866.
- Navarrete, C. Cesar. 2013. *Creative Thinking in Digital Game Design And Development: A Case Study*. Elsevier: Computers & Education 69 (2013), pp: 320-331.
- Nurmasari, N. 2014. *Analisis Berpikir Kreatif Siswa dalam Menyelesaikan Masalah Matematika Pada Materi Peluar Ditinjau Dari Gender Siswa Kelas XI IPA SMA Negeri 1 Kota Banjarbaru Kalimantan Selatan*. Jurnal

elektronik Pembelajaran Matematika. Vol. 2, No. 4, Juni 2014, pp: 351-358.

Nurqolbiah, S. 2016. *Peningkatan Kemampuan Pemecahan Masalah, Berpikir Kreatif, dan Self-Confidence Siswa Melalui Pembelajaran Berbasis Masalah*. JP3M: Jurnal Pendidikan dan Pengajaran Matematika. Vol. 2, No. 2, September 2016, pp: 143-158.

Pane, N. Syahputra, E. & Mulyono. 2018. *Improving the Ability of Creative Thinking Mathematically and Self-Confidence Student Through Application Model Eliciting Activities (MEAs) Review Form Student Gender*. American Journal of educational Research, 2018, Vol.6, No. 4, pp: 319-32.

Permendikbud Nomor 58 tahun 2014. Tentang Kurikulum 2013 Sekolah Menengah Pertama/Madrasah Tsanawiyah.

Phonapicat, P. 2014. *An Analysis of Elementary School Students' Difficulties in Mathematical Problem Solving*. Procedia-Social and Behavioral Sciences 116 (2014), pp: 3169-3174.

Pratama, Y. S. 2016. *Mendapat Pembelajaran Berbasis Masalah dengan Siswa yang Mendapat Pembelajaran Kooperatif Tipe Think Pair Share Ditinjau dari Gaya Belajar Siswa SMP Negeri Se-Kota Metro, Lampung Tahun Pelajaran 2014/2015*. Jurnal Elektronik Pembelajaran Matematika. Vol. 4, No. 8, Oktober 2016, pp: 805-818.

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.

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.

Purwasih, R. 2017. *Pembelajaran Berbasis Masalah Untuk Meningkatkan Kemampuan Berpikir Kreatif dan Self-Concept Siswa SMP*. Jurnal Didaktik Matematika. Vol. 4, No. 1, April 2017, pp: 15-24.

Putra, T. T. 2012. *Meningkatkan Kemampuan Berpikir Kreatif Siswa dengan Pembelajaran Berbasis Masalah*. Jurnal Pendidikan Matematika, Part3. Vol. 1, No. 1 (2012), pp: 22-26.

Rahmawati, O. 2017. *Kemampuan Berpikir Kritis Matematis Ditinjau Dari Gaya Belajar Dengan Metode Guided Discovery Pada Siswa Kelas VIII SMP*

Muhammadiyah 1 Surakarta Tahun Ajaran 2016/2017. Jurnal Pendidikan Matematika Universitas Muhammadiyah Surakarta, 2017, pp: 1-14.

Rahmazatullaili. 2017. *Kemampuan Berpikir Kreatif dan Pemecahan Masalah Siswa Melalui Penerapan Model Project Based Learning*. Beta: Jurnal Tadris Matematika. Vol. 10, No. 2 (November) 2017, pp: 163-183.

Rangkuti, Sahat, S. & Hasratuddin. 2014. *Prosiding, Peningkatan Kemampuan Pemahaman Konsep dan Pemecahan Masalah Matematis Siswa SMK melalui Pembelajaran Berbasis Masalah*, Jurnal PARADIKMA, Vol. 7 Nomor 3, pp: 1-10.

Ratnaningsih, N. 2017. *The Analysis Of Mathematical Creative Thinking Skills And Self-Efficacy Of High Students Built Through Implementation Of Problem Based Learning And Discovery Learning*. Jurnal Pendidikan Matematika Indonesia is licensed under A Creative Commons Attribution-Non Commercial 4.0 International License. JPMI Volumn 2 Nomor 2 September 2017, pp: 42-45.

Sari, P. S. E. 2017. *Proses Berpikir Siswa SMA Dalam Memecahkan Masalah Matematika Berdasarkan Gaya Belajar Kolb*. MATHEdenusa. Jurnal Ilmiah Pendidikan Matematika Volume 2 No. 6 Tahun 2017. ISSN: 2301 – 9085, pp: 57-64.

Savery, J. R. 2006. *Overview of Problem-based Learning: Definitions and Distinctions*, *Interdisciplinary Journal of Problem-Based Learning, Volume.1*

Saragih, S. & Habeahan, W. L. 2014. *Journal of Education and Practice*. Department of Mathematics, Science Faculty, State University of Medan, Vol. 5 No. 35.

Setiadi, H. & Mahdiansyah R. R. 2012. *Kemampuan Matematika Siswa di Indonesia, menurut Benchmark Internasional TIMSS 2011*. Jakarta: Pusdiklat Kemdikbud.

Silver, E. A. 1997. *Fostering Creativity Through Instruction Rich in Mathematical Problem Solving and Problem Posing*. ZDM Volum 29 (Juni 1997) No. 3, pp: 75-80.

Simamora, S. J. Simamora, R. E. & Sinaga, B. 2017. *Application of Problem Based Learning to Increase Students' Problem Solving Ability on Geometri in Class X SMA Negeri 1 Pagaran*. International Journal of Sciences: Basic and Applied Research. Vol. 36, No. 2, (2017), pp: 234-251.

Sinaga, B. 2007. *Buku Model PBM-B3*. Surabaya: PPs Universitas Negeri Surabaya.

- Sitorus, J. 2016. *Students' Creative Thinking Process Stage: Implementation of Realistic Mathematics Education*. Elsevier: Thinking Skills and Creativity 22 (2016), pp: 111-120.
- Sirat, A. S. 2016. *Pengaruh Gaya Belajar Terhadap Prestasi Belajar Matematika Pada Siswa SMP Negeri 42 Medan*. Prosiding Seminar Nasional Pendidikan Matematika Berbasis PISA. ISBN: 978-602-431-044-8, pp: 43-49.
- Sophonhiranraka, S. Suwannatthachoteb, P. Ngudgratokec, S. 2015. *Factor Affecting Creative Problem Solving in the Blended Learning Environment: a review of the literature*. Elsevier: Social and Behavioral Sciences, Vol. 174 Februari (2015), pp: 2130-2136.
- Sugiyono. 2016. *Metodologi Penelitian Pendidikan*. Bandung: ALFABETA.
- Sriwongchai, A. 2015. *Developing the Mathematics Learning Management Model for Improving Creative Thinking in Thailand*. International Education Studies. Vol. 8. No. 11; 2015, pp: 77-87.
- Surya, E. & Syahputra, E. 2017. *Improving High-Level Thinking Skills by Development of Learning PBL Approach on the Learning Mathematics for Senior High School Students*. International Education Studies; Vol. 10, No. 8, 2017, pp: 12-20.
- Syahputra, E. & Surya, E. 2014. *The Development of Problem Based Learning Model to Construct High Order Thinking Skill Students' on Mathematical Learning in SMA/MA*. Journal of Education and Practice. Vol. 5, No. 39, 2014, pp: 52-55.
- Tan, O. S. 2011. *Problem-based Learning Approach to Human Computer Interaction*. International Scholarly and Scientific Research & Innovation. Vol. 5, No. 4, 2011, pp: 399-402.
- Tan, C. P. 2015. *To What Extent does Problem Based Learning Contribute to Students' Professional Identity Development?*. Elsevier: Teaching and Teacher Education. Vol 54, Februari (2016), pp: 54-56.
- Trianto. 2016. *Mendesain Model-Model Pembelajaran Inovatif-Progresif*. Jakarta: Kencana Prenada Media Group.
- Trisnawati, I. 2018. *Analisis Kemampuan Berpikir Kreatif Matematis Siswa SMA XI Pada Materi Trigonometri Ditinjau Dari Self Confidence*. Jurnal Pembelajaran Matematika Inovatif. Vol 1, No. 3, Mei 2018, pp: 383-394.
- Wijaya, L. 2016. *Analisis Kemampuan Berpikir Kreatif Matematis Siswa SMP Kelas VII Ditinjau dari Tipe Kepribadian*. Unnes Journal of Mathematics Education. UJME 5 (2) 2016, pp: 84-91.

William, J.C. 2016. *What We Think We Know About the Tutor in Problem Based Learning*. Elsevier: Teaching and Teacher Education. Februari (2016), pp: 100-103.

Zolghadri, P. 2015. *On the Role of Learning Styles Components (Objective, Experience, Reflective Observation, Abstract, Conceptualization, and Active Experimentation) on Students's Mathematics Performance*. American Journal of Educational Research, 2015, Vol. 3, No. 9, pp: 1142 - 1148.



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