

## DAFTAR PUSTAKA

- Ajai, J. T., dkk. 2013. Comparison of The Learning Effectiveness of Problem Based Learning (PBL) and Conventional Method of Teaching Algebra. Nigeria: *Journal of Education and Practice*. Vol. 4 No. 1 ISSN 2222-288x.
- Akinsola, M. K & Exekiel O. 2014. Effects of Mnemonic and Prior Knowledge Instructional Strategies on Students Achievement in Mathematics. *International Journal of Education and Research*. Vol. 2 No. 7.
- Amalia, dkk. 2015. Penerapan Model Elicting Activities untuk Meningkatkan Kemampuan Berpikir Kreatif Matematis dan Self Confidence Siswa SMA. *Jurnal Didaktik Matematika*. Vol. 2, No. 2. ISSN: 2355-4185.
- Amir, M. T. 2013. *Inovasi Pendidikan Melalui Problem Based Learning: Bagaimana Pendidikan Memberdayakan Pemelajar Di Era Pengetahuan*. Jakarta: Kencana Prenada Media Group.
- Arikunto, S. 2013. *Dasar-Dasar Evaluasi Pendidikan*. Jakarta: Bumi Aksara.
- Armitage, A. 2013. Conscientization, Dialogue and Collaborative Problem Based Learning. *Journal of Problem Based Learning In Higher Education*. Vol. 1 No.1.
- Arnidha, Y. 2016. Peningkatan Kemampuan Representasi Matematis Melalui Model Pembelajaran Kooperatif *Think Pair Share*. *Jurnal e-DuMath*. Volume 2 No.1, Hlm. 128-137.
- Asmara, A. 2014. *Mathematical Representation Ability And Self Confidence Students Through Realistic Mathematics Approach*. International Seminar on Innovation in Mathematics and Mathematics Education 1<sup>st</sup> ISIM-MED 2014, Department of Mathematics Education, Yogyakarta State University Yogyakarta. ISBN : 978-602-1037-00-3.
- Astin, A. E. & Bharata, H. 2016. *Penerapan Pendekatan Open-Ended Dalam Pembelajaran Matematika Terhadap Kemampuan Representasi Matematis Siswa*. Lampung. ISSN: 2502-6526, hal 631-638.
- Boity, dkk. 2016. The Implementation of Problem Based Learning (PBL) In a Year 9 Mathematics Classroom: A Study In Brunei Darussalam. *International Research In Education*. Vol. 4 No. 2. ISSN 2327- 5499.
- Boonen, A. dkk. 2014. The role of visual representation type, spatial ability, and Reading comprehension in word problem solving: An item-level analysis in elementary school children. *Jurnal ELSEVIER*. pp.15-28.

- Burton, K. & Platts, B. 2006. *Building Confidence For Dummies*. Inggris: John Wiley and Sons.
- Chen, H, W. 2013. Applying Problem Based Learning Model and Creative Design to Conic Sections Teaching. *International Journal of Education and Information Technologies*. Vol. 7 No. 3.
- Damanik, R, S. 2013. *Pengaruh Pembelajaran Berbasis Masalah Terhadap Kemampuan Representasi dan Minat Belajar Matematika Siswa SMK Negeri 11 Medan*. Masters Thesis UNIMED (tidak diterbitkan).
- Farhan, M. & Retnawati, H. 2014. Keefektifan PBL dan IBL Ditinjau Dari Prestasi Belajar, Kemampuan Representasi Matematis, dan Motivasi Belajar. *Jurnal Riset Pendidikan Matematika*. Volume 1. No. 2.
- Fatokun, J,O. 2013. A Problem Based Learning (PBL) Application for the Teaching of Mathematics and Chemistry in Higher Schools and Tertiary Education : An Integrative Approach. *Academic Journals*. Vol. 8.
- Filcik, A., dkk. 2012. *The Effects of Project-Based Learning (PBL) Approach on the Achievement and Efficacy of High School Mathematics Students: A Longitudinal Study Investigating the Effects of the PBL Approach in Mathematics Education*. USA: NCUR.
- Glass, G.V. & Hopkins K.D. 1996. *Statistical Methods in Education and Psychology*. USA: A Simon & Schuster Company.
- Goel, M. & Aggarwal, P. 2012. A Comparative Study of Self Confidence of Single Child and Child with Sibling. USA: *IJRSS*. Volume 2, Issue 3 ISSN: 2249-2496.
- Guler, dkk. 2011. The Visual Representation Usage Levels of Mathematics Teacher and Students In Solving Verbal Problems. Turki: *International Journal of Humanities and Social Science*. Vol. 1 No. 11.
- Hake, R. 2007. *Design-Based Research In Physics Education: A Review* in A.E. Kelly, R.A. Lesh, & J.Y. Baek, eds. (in press), *Handbook of Design Research Methods in Mathematics, Science, and Technology Education*. Erlbaum.
- Hasratuddin. 2015. *Mengapa Harus Belajar Matematika?*. Medan: Perdana Publishing.
- Hoiriyah, D., dkk. 2014. *PARADIKMA: Jurnal Pendidikan Matematika*. UNIMED. ISSN 1978-8002. Vol. 7 No. 2.

- Huang, dkk. 2016. Mathematical Teaching Strategies: Pathways to Critical Thinking and Metacognition. *Journal of Research in Education and Science (IJRES)*. Vol. 2(1),190-200. ISSN 2148-9955.
- Hutagaol, K. 2013. Pembelajaran Kontekstual untuk Meningkatkan Kemampuan Representasi Matematis Siswa Sekolah Menengah Pertama. *Jurnal Infinity*. Bandung: Universitas Advent Indonesia.
- Ihedioha, S.A. 2014. Students' Ability and Achievement In Recognizing Multiple Representations in Algebra. *Asian Journal of Education and e-Learning*. Vol. 02, Issue. 01, ISSN: 2321 – 2454.
- Kerlinger. F.N. 2006. *Asas-Asas Penelitian Behavioral Edisi Ketiga*. Bahasa Indonesia. Bulaksumur, Yogyakarta: Gadjah Mada University Press.
- Lestari, K. E. & Yudhanegara, M. R. 2015. *Penelitian Pendidikan Matematika*. Bandung: PT Refika Aditama.
- Listiana, Y. 2015. *Peningkatan Kemampuan Representasi Matematis dan Keterampilan Sosial Siswa Melalui Pendekatan Pembelajaran Matematika Realistik Pada Siswa SMP Swasta Darul Ilmi Murni Kabupaten Deli Serdang*. Tesis. Medan: Program Pascasarjana UNIMED.
- Martyanti, A. 2013. *Membangun Self Confidence Siswa Dalam Pembelajaran Matematika Dengan Pendekatan Problem Solving*. UNY: Yogyakarta. ISBN 978-979-16353-9-4.
- National Council of Teachers of Mathematics (NCTM). 2000. *Principles and Standards for School Mathematics*. Reston: NCTM.
- NCTM. 2000. *Principles and Standards for School Mathematics*. ISBN 0-87353-480-8. United States of America: The National Council of Teachers of Mathematics, Inc.
- Nurhadi, dkk. 2003. *Pembelajaran Kontekstual dan Penerapannya dalam KBK*. Malang: UM Press.
- Nursangaji, dkk. 2013. Kemampuan Representasi Matematis Menurut Tingkat Kemampuan Siswa Pada Materi Segi Empat Di SMP. *Jurnal*. Untan. Ac.id.index.
- OECD. 2013. *PISA 2012 results: what students know and can do-student performance in mathematics, reading and science*.
- Padmavathy R. D. & K. Mareesh. 2013. Effectiveness of Problem Based Learning In Mathematics. India: *International Multidisciplinary e-journal*. ISSN 2277-4262.

- Panasuk, R. M. & Beyranevand, M. L. 2011. Preferred Representations of Middle School Algebra Students When Solving Problems. USA. *TME*. Vol. 13 No. 1 P. 32-52.
- Permendiknas. 2006. *Peraturan Menteri Pendidikan Nasional Nomor 23 Tahun 2006 Tentang Standar Kompetensi Lulusan Untuk Satuan Pendidikan Dasar dan Menengah*. Jakarta: Permendiknas.
- Putri, H. E. 2015. The Influence of Concrete Pictorial Abstract (CPA) Approach to the Mathematical Representation Ability Achievement of the Pre-Service Teachers at Elementary School. *International Journal of Education and Research*. Vol. 3 No. 6.
- Rafianti, I. 2013. Penerapan Model Pembelajaran Matematika Berbasis Multiple Intelligences Untuk Meningkatkan Kemampuan Pemahaman Konsep, Penalaran Matematis dan Self Confidence Siswa MTs. *Jurnal UPI*. Bandung.
- Rangkuti, F., dkk. 2014. *PARADIKMA: Jurnal Pendidikan Matematika*. UNIMED. ISSN 1978-8002. Vol. 7 No. 3.
- Reddy, M. M. 2014. A Study of Self Confidence in Relation to Achievement Motivation of D.ed Students. *Global Journal for Research Analysis*. Tirupati: GJRA. Volume 3, Issue 8, ISSN No 2277 – 8160.
- Ruseffendi. E. T. 1991. *Pengantar kepada Membantu Guru Mengembangkan Kompetensinya dalam Pengajaran Matematika Untuk Meningkatkan CBSA*. Bandung: Tarsito.
- Rusman. 2011. *Model-Model Pembelajaran Mengembangkan Profesionalisme Guru*. Bandung: Raja Grafindo.
- Sabirin, M. 2014. Representasi Dalam Pembelajaran Matematika. *JPM*. IAIN Antasari Vol. 01 No. 2 Januari – Juni 2014, h. 33-44.
- Sanjaya, W. 2010. *Strategi Pembelajaran Berorientasi Standar Proses Pendidikan*. Jakarta: Kencana.
- Sapriyani, E. 2015. *Peningkatan Kemampuan Berpikir Kritis dan Representasi Matematis Siswa SMK Swasta Panca Budi Medan Melalui Pembelajaran Berbasis Masalah*. Tesis. Medan: Universitas Negeri Medan.
- Saragih, S. 2007. *Mengembangkan Kemampuan Berpikir Logis dan Komunikasi Matematik Siswa Sekolah Menengah Pertama Melalui Pendekatan Matematika Realistik*. Disertasi. Bandung: UPI.
- Siregar, S. 2014. *Statistik Parametrik untuk Penelitian Kuantitatif*. Jakarta: Bumi Aksara.

- Sudjana. 2005. *Metoda Statistika*. Bandung: Tarsito.
- Sugiyono. 2015. *Metode Penelitian Kuantitatif Kualitatif Dan R&D*. Bandung: Alfabeta.
- Surya, E, dkk. 2013. Improving of Junior High School Visual Thinking Representation Ability in Mathematical Problem Solving by CTL. *IndoMS.J.M.E*. Vol. 4 No. 1. pp. 113-126.
- \_\_\_\_\_. 2017. Improving Mathematical Problem-Solving Ability and Self-Confidence of High School Students Through Contextual Learning Model. *Journal on Mathematics Education*. Volume 8, No. 1, pp. 85-94.
- Syahputra, E. 2013. Pembelajaran Berbasis Masalah dan Kreativitas Siswa dalam Pendidikan Matematika. Medan: UNIMED. Prosiding Seminar Nasional Matematika dan Terapan 2013 (SiManTap4). Volume 2.
- \_\_\_\_\_. 2016. *Statistika Terapan*. Medan: UNIMED PRESS.
- Syahputra, E. & Surya, E. 2017. The Development of Learning Model Based on Problem Solving to Construct High-Order Thinking Skill on the Learning Mathematics of 11th Grade in SMA/MA. *Journal of Education and Practice*. Vol.8, No.6.
- Tillman, D. 2013. Implications of Problem Based Learning (PBL) in Elementary Schools Upon the K-12 Engineering Education Pipeline. ATLANTA. The University of Texas at El Paso (UTEP).
- Trianto. 2009. *Mendesain Model Pembelajaran Inovatif-Progresif, dan Kontekstual*. Jakarta: Kencana Prenada Media Group.
- TIMSS. 2011. *International Mathematics Report: Findings from IEA's Trends in International Mathematics and Science Study the Fourth and Eight Grades*. Boston: TIMSS & PIRLS International Study Center.
- Zhe, L. 2012. Survey of Primary Students' Mathematical Representation Status and Study on The Teaching Model of Mathematical Representation. Cina: *Journal of Mathematics education*. Vol. 5 No. 1 P. 63-76.