

## DAFTAR PUSTAKA

- Abidin, Yunus. (2014). *Desain Sistem Pembelajaran dalam Konteks Kurikulum 2013*. Bandung: Refika Aditama
- Adeyemo, D. A. (2007). Moderating Influence of Emotional Intelligence on the Link Between Academic Self-Efficacy and Achievement of University Students. *Psychology Developing Societies* 19, 2: 199-213
- Ahmadi, Abu (2008). *Psikologi Belajar*. Jakarta: Rineka Cipta
- Aizikovitsh-Udi, E., & Cheng, D. (2015). Developing Critical Thinking Skills from Dispositions to Abilities: Mathematics Education from Early Childhood to High School. *Creative Education*, 6, 455-462.
- Alex, A.M & Olubusuyi, M.F (2013). Guided-discovery Learning Strategy and Senior School Students Performance in Mathematics in Ejigbo, Nigeria. *Journal of Education and Practice* Vol.4, No.12, 2013
- Alwisol. (2009). *Psikologi Kepribadian edisi revisi*. Malang : UMM Press
- Anandri, D.S (2013) Relationship between Student Perception of Teacher Social Support with Mathematics Self-Efficacy. *Jurnal Psikologi Pendidikan dan Perkembangan* Vol. 2 No. 03 Desember 2013.
- Anderson. (2003). *Critical Thinking Across the Disciplines*. Makalah pada Faculty Development Seminar in New York City College of Technology, New York.
- Anderson L. Palinussa. (2013). Students' Critical Mathematical Thinking Skills and Character: Experiments for Junior High School Students through Realistic Mathematics Education Culture Based. . *J.M.E Vol. 4 No. 1 January 2013, pp. 75-94*.75
- Andini Septiasari. (2008). *Ensiklopedia Matematika (K-Q)*. Bandung: PT Indah Jaya Adipratama.
- Anggoro, Bambang Sri. (2014). "Enhancing Students' Critical Thinking Ability in Mathematics by Through IMPROVE Method." *Mathematical Theory and Modeling* 4(5): 68-78.
- Arendes, Richard. (2007). *Learning To Teach (belajar untuk mengajar)*. Yogyakarta: Pustaka Belajar
- Arikunto, S. (2012). *Prosedur Penelitian: Suatu Pendekatan Praktek*. Jakarta: Rineka Cipta.
- Bandura, A. (1997). *Self-Efficacy: The Exercise of Control*, New York: Freeman
- Bani, A. (2011). Meningkatkan Kemampuan Pemahaman dan Penalaran Matematik Siswa Sekolah Menengah Pertama Melalui Pembelajaran Penemuan

Terbimbing. SPS UPI, Bandung. *Edisi Khusus No. 1, Agustus 2011, ISSN 1412-565X*

- Chukwuyenum A.N. (2013). Impact of Critical thinking on Performance in Mathematics among Senior Secondary School Students in Lagos State. *IOSR Journal of Research & Method in Education (IOSR-JRME) e-ISSN: 2320-7388,p-ISSN: 2320-737X Volume 3, Issue 5 (Nov. -Dec. 2013), PP 18-25*
- Choy and Phaik Kin Cheah, (2009). Teacher Perceptions of Critical Thinking Among Students and its Influence on Higher Education. *International Journal of Teaching and Learning in Higher Education 2009, Volume 20, Number 2, 198-206*
- Cohen L.,Manion,L & Marisson, K. (2007). *Research Method of Education*. New York : Routledge
- Colley, B. M., Andrea R. Bilics &, Carol M. Lerch. (2012). A Key Component to Tinking Critically. *The Canadian Journal for the Scholarship of Teaching and Learning*, Volume 3, Issue 1, Article 2. 9-25-2012
- Darhim (2004), Pengaruh Pembelajaran Matematika Kontekstual terhadap Sikap Siswa Sekolah Dasar. *Jurnal Ilmu Pendidikan. Hal: 2-4.*
- Elsayed, A.M. 2015.. Effectiveness of Using Elaboration Theory in Teaching Mathematics to Develop Academic Achievement and Critical Thinking For Primary Students in Oman. *International Journal Of Humanities And Cultural Studies Issn 2356-5926. Volume 2 Issue 3 December 2015. 851*
- Ennis, R (1985). A Logical Basic For Measuring Critical Thinking Skills. *Educational Leadership* 43(2), hlm 44-48
- Fathurrohman & Sulistyorini. (2012). *Belajar dan Pembelajaran Meningkatkan Mutu Pembelajaran Sesuai Standar Nasional*. Yogyakarta: Teras
- Firdaus, Ismail Kailani, Md. Nor Bin Bakar, Bakry. (2015). Developing Critical Thinking Skills of Students in Mathematics Learning. *Journal of Education and Learning. Vol. 9(3) pp. 226-236.*
- Garrison, D. R., Anderson, T., & Archer, W. (2001). Critical Thinking and computer conferencing : A model and tool to acces cognitif presense. Tersedia di <https://communitiesofinquiry.com/documen/CogPresfinal.pdf>
- Ghufron, Nur dan Risnawita, Rini. (2012). *Gaya Belajar, Kajian Teoretik*. Yogyakarta: Pustaka Pelajar.
- Hake, R (1999) analyzing changed/gain scores. Indiana university USA. (Online). <http://www.phisic.indiana.edu/-di/analyzing-changed-gain.pdf>
- Hamruni. (2012). *Strategi Pembelajaran*. Yogyakarta: Insan Madani

- Hanafiah Nanang dan cucu Suhada, (2009). *Konsep Strategi Pembelajaran*, Bandung: Refika Aditama
- Harish (2013). Critical Thinking Skills among Ninth Standard Students in Relation to Gender, Intelligence and Study habits. *International Journal of Education and Psychological Research (IJEPR) ISSN: 2279-0179 Volume 2, Issue 3, pp: 13-20, August 2013. 13*
- Hidayah Nurul Fajri, Dkk. (2016). Peningkatan Kemampuan Spasial dan Self-Efficacy siswa Melalui Model Discovery Learning Berbasis Multimedia, *Jurnal Beta. Vol. 9 No. 2 (Nopember) 2016, Hal. 180-196*
- Hosnan. (2014). *Pendekatan Saintifik dan Konseptual dalam Pembelajaran Abad 2.* Bogor: Ghalia Indonesia
- In'am, A. (2017). Learning Geometry through Discovery Learning Using a Scientific Approach. *International Journal of Instruction January 2017 Vol.10, No.1.*
- Iskandarwassid dan Sunendar. (2008). *Strategi Pembelajaran Bahasa*. Bandung: PT. Remaja Rosda Karya.
- Jeanne Ellis Ormrod. (2008). *Psikologi Pendidikan*. Jakarta : ERLANGGA
- Jbieli, I. (2012) The Effect Of Cooverative Learning with Metacognitive Scaffolding On Mathematics Conceptual Understanding and Procedural Fluensi. *International journal for research in education (IJRE)*, 32 hlm 45-71
- Kasmadi dan Nia Sri Sunariah. (2013). *Panduan Modern Penelitian Kuantitatif*. Bandung: Alfabeta
- Kaplan, A., Patrick, H. & Ryan, A. M. (2007). Early Adolescents' Perception of Classroom Social Environment, Motivational Belief, and Engagement. *Journal of Educational Psychology* Vol 99 No I, 83-89
- Kemendikbud. (2013). *Model Pembelajaran Penemuan (Discovery Learning)*. Puskur: Jakarta.
- Kemendikbud. (2014). *Konsep dan Implementasi Kurikulum 2013*. Puskur: Jakarta.
- Klahr, D., & Nigam, M. (2004). The equivalence of learning paths in early science instruction: Effects of direct instruction and discovery learning. *Psychological Science*, 15, 661–667.
- Kirschner, P. A., Sweller, J., & Clark, R. E. (2006). Why minimal guidance during instruction does not work: An analysis of the failure of constructivist, discovery, problembased, experiential, and inquiry-based teaching. *Educational Psycho-logist*, 41, 75– 86
- Kurniasih, Imas dan Berlin Sani. (2014). *Implementasi Kurikulum 2013 Konsep dan Penerapan*. Surabaya: Kata Pena.

- Lestari, K.E. (2014) Implementasi Brain-Based Learning untuk Meningkatkan Kemampuan Koneksi dan Kemampuan Berpikir Kritis serta Motivasi Belajar Siswa SMP. *Jurnal Pendidikan Unsika Volume 2 Nomor 1, November 2014* 36
- Lestari K.E. (2015). *Penelitian Pendidikan Matematika*. Bandung: Refika Aditama
- Levpuscek, M. P. & Zupancic, M. (2009). Math Achievement in Early Adolescence : The Role of Parental Involvement, Teachers' Behavior, and Students' Motivation Beliefs about Math. *The Journal of Early Adolescence* Vol. 29 No. 4 541-570
- Mansoor, F &Pezeshki, M.(2012). Manipulating Critical Thinking Skills In Test Taking. *International Journal of Education, 4, (1), 153-160. (1)*
- Margolis, H & McCabe, P.P. (2006). Improving Self-Efficacy and Motivation : What To Do and What To Say. *Intervention in School and Clinic* Vol. 41. No. 4, 218-227
- Martins, O. O. and Oyebanji, R. K. (2000). The effects of inquiry and lecture teaching approaches on the cognitive achievement of integrated science students. *Journal of Science Teachers' Association of Nigeria*. 35 (1&2) 25-30
- Meltzer, David E. (2002). "The Relationship between Mathematics Preparation and Conceptual Learning Gain in Physics: 'hidden variable' in Diagnostic Pretest Scores". *American Journal of Physics*, 70, (12), 1259-1267.
- Metheny, J., McWhirter, E. H., & O'Neil, M. E. (2008). Measuring perceived teacher support and its influence on adolescent career development. *Journal of Career Assessment*, 16, 218-237
- Moma, La. 2014. Peningkatan Self-Efficacy Matematis Siswa SMP melalui Pembelajaran Generatif. *Cakrawala Pendidikan, Oktober 2014, Tahun XXXIII, No. 3. Maluku: Universitas Pattimura*.
- Mustaqim, B. (2013). Eksperimentasi Model Pembelajaran Kooperatif Tipe Think Pair Share (TPS) dan Mood Understand Recall Detect Elaborate Review (MURDER) Pada Materi Pokok Logaritma Ditinjau Dari Minat Belajar Siswa Kelas X SMK Se-Kabupaten Karanganyar. *Program Pascasarjana Universitas Sebelas Maret. Artikel*
- Perkins, C., & Murphy, E. (2006). Identifying and measuring individual engagement in critical thinking in online discussions: An exploratory case study. *Educational Technology & Society, 9 (1), 298-307*.
- Peter A. F Acione. (2000). The Disposition Toward Critical Thinking: Its Character, Measurement, And Relationship To Critical Thinking Skill. *Lnformal Logic Vol. 20, No.1 (2000): Pp.61-84*.

- Peter, E.E, (2012) Critical thinking: Essence for Teaching Mathematics and Mathematics Problem Solving Skills. *African Journal of Mathematics and Computer Science Research* Vol. 5(3), pp. 39-43, 9 February, 2012.
- Purwaningrum. J.P. (2016). Mengembangkan Kemampuan Berpikir Kreatif Matematis Melalui Discovery Learning Berbasis Scientific Approach. *Jurnal Refleksi Edukatika*. Vol. 6 No. 2 Juni 2016. FKIP Universitas Muria Kudus
- Rahayu, Puji. Dkk (2015). Eksperimentasi Model Problem Based Learning dan Discovery Learning pada Materi Perbandingan dan Skala Ditinjau dari Sikap Peserta Terhadap Matematika Didik Kelas VII SMP Kabupaten Klaten. *Jurnal Elektronik Pembelajaran Matematika ISSN: 2339-1685 Vol.3, No.3, hal 242-256*, Mei 2015 <http://jurnal.fkip.uns.ac.id>
- Rasiman dan Pramasdyahsari A.S. (2014). Development of Mathematics Learning Media E- Comic Based on Flip Book Maker to Increase the Critical Thinking Skill and Character of Junior High School Students. *International Journal of Education and Research* Vol. 2 No. 11 November 2014. 535
- Rasiman, (2015). Leveling Of Students' Critical Ability In Solving Mathematics Problem Based On Gender Differences. *International Journal of Education and Research* Vol. 3 No. 4 April 2015. 307
- Rodiawati, Lilis. (2014). Perbandingan Koneksi Matematika Siswa Antara Yang Menggunakan Model Pembelajaran Discovery Learning Dengan Model Pembelajaran Knisley. *Jurnal Euclid* vol.3, No.2, p.548.
- Ruseffendi, E.T. (2006). *Pengantar guru mengembangkan kompetensinya dalam pengajaran matematika untuk meningkatkan cara belajar siswa aktif (CBSA)* Bandung. Tarsito
- Sardiman. (2011). *Interaksi dan Motivasi Belajar Mengajar*. Jakarta: Rajagrafindo Persada.
- Sari, S.A. (2014). Implementasi Model Murder dalam Pembelajaran Matematika Untuk Meningkatkan Kemampuan Berpikir Kritis dan Kreatif. *Naskah Publikasi UMS*.
- Slavin Robert, E. (2005). *Cooperative Learning. Teori, Riset dan Praktik*. Bandung: Nusa Media.
- Sugiyana. (2015). Pengaruh Self-Regulated Learning, Self-Efficacy dan Perhatian Orangtua Terhadap Prestasi Belajar Matematika Siswa. *Jurnal Psikopedagogia* 2015. Vol. 4, No.1 ISSN: 2301-6167.
- Sugiyono, (2012). *Metode Penelitian Pendidikan*. Bandung: Alfabeta
- Suherman, Erman (2001). *Strategi Pembelajaran Matematika Kontemporer*. Bandung: FMIPA UPI.

- Suherman, Erman. (2003). *Evaluasi Pembelajaran Matematika*. Bandung: JICA-UPI
- Sumintono, W., & Widhiarso, B. (2013). *Aplikasi model Rasch untuk penelitian ilmu sosial*. Bandung: Tim Komunikasi Publishing House
- Suryana, K. (2014) Implementasi *model active learning* untuk meningkatkan Kemampuan Berpikir Kritis Siswa SMP. *Jurnal Pendidikan Unsika Volume 2 Nomor 1, November 2014* 36
- Su, H.F., Ricci, F.A., & Mnatsakanian, M. (2016). Mathematical teaching strategies: Pathways to critical thinking and metacognition. *Journal of Research in Education and Science (IJRES)*, 2 (1), 190-200.
- Swaak, J., De Jong, T., & Van Joolingen, W. R. (2004). The effects of discovery learning and expository instruction on the acquisition of definitional and intuitive knowledge. *Journal of Computer Assisted Learning*, 20(4), 225-234.
- Thompson C. (2011). Critical Thinking across the Curriculum: Process over Output. *International Journal of Humanities and Social Science Vol. 1 No. 9 [Special Issue – July 2011]* 1
- Uno H, B. (2006). *Orientasi Baru dalam Psikologi Pembelajaran*. Jakarta: Bumi Aksar
- Usdiyana, D., Purniati, T., Yulianti, K., & Harningsih, E. (2009). Meningkatkan Kemampuan Berpikir Logis Siswa Smp Melalui Pembelajaran Matematika Realistik. *Jurnal Pengajaran MIPA Vol. 13 No. 1*
- Usher, E L. (2009). Sources of Middle School Student's Self Efficacy in Mathematics: A Qualitative Investigation. *American Educational Research Association* 46: 275
- Vahlia, Ira. 2014. “Eksperimentasi Model Pembelajaran Discovery dan Group Investigation Terhadap Prestasi Hasil Belajar Matematika Ditinjau dari Kreativitas Siswa”. *Jurnal Pendidikan Matematika FKIP Univesritas Muhammadiyah Metro*. 3(2): 43-54
- Zimmerman, B. J.,. (2000). *Self-Efficacy: An Essential Motive to Learn*. *Contemporary Educational Psychology*, 25, 82-91