

DAFTAR PUSTAKA

- Ahmad, Zaheer & Mahmood, Nasir. 2010. Effects of Cooperative Learning vs. Traditional Instruction on Prospective Teachers' Learning Experience and Achievement. *Journal of Faculty of Educational Science*, 43(1): 151-164.
- Anderson, L.W. & Krathwohl, D. R. 2001. *Kerangka Landasarn Untuk Pembelajaran, Pengajaran, dan asesmen*. Terjemahan oleh Agung Prihanto. 2010. Yogyakarta: Pustaka Belajar.
- Arikunto, S. 2013. *Prosedur Penelitian*. Jakarta: Rineka Cipta.
- Arikunto, S. 2015. *Dasar – Dasar Evaluasi Pendidikan*. Jakarta: Bumi Aksara.
- Arinawati. E., Slamet. Y., & Chumdari. Tanpa tahun. *Pengaruh Model Pembelajaran Discovery Learning Terhadap Hasil Belajar Matematika Ditinjau Dari Motivasi Belajar*. Tidak diterbitkan. Surakarta: PGSD FKIP Universitas Sebelas Maret Surakarta.
- Arends, R. I. 2007. *Learning To Teach*. Terjemahan oleh Helly Prajitno & Sri Mulyantini. 2008. Yogyakarta: Pustaka Belajar.
- Balim, Ali Gunay. 2009. The Effects of Discovery Learning on Students' Success and Inquiry Learning Skills. *Eurasian Journal of Educational Research*, 35: 1-20.
- Bolandifar, S & Noordin, N. 2013. Investigating The Relationship Between Creativity and Academic of Malaysian Undergraduates. *Jurnal Teknologi (Social Sciences)*, 65(2): 101-107.
- Bravo, Crescencio., Redondo, Miguel A., Ortega, Manuel., and Verdejo, M. Felisa. 2002. Collaborative Discovery Learning Of Model Design. *Springer-Verlag Berlin Heidelberg*, 2363: 671-680.
- Bruner, J. 1997. *On Knowing (Essays For The Left Hand)*. Cambridge & London: The Belknap Press of Harvard University Press.
- Brookhart, S. M. 2010. *How To Assess Higher-Order Thinking Skills In Your Classroom*. Virginia USA: ASCD Alexandria.
- Craft, A. 2005. *Creativity in Schools: Tensions and dilemmas*. New York: Routledge, Taylor & Fracis Group.
- Castronova, Joyce . A. 2014. Discovery Learning for the 21st Century: What is it and how does it compare to traditional learning in effectiveness in the 21st Century. *Valdosta.edu*, 1(1): 1-12.
- Djiwandono, Sri Esti. W. 2002. *Psikologi Pendidikan*. Jakarta: Grasindo.

- Deta, U.A., Suparmi & Widha, S. 2013. Pengaruh Metode Inkuiri Terbimbing dan Proyek, Kreativitas, serta Keterampilan Proses Sains Terhadap Hasil Belajar Siswa. *Jurnal Pendidikan Fisika Indonesia*, 9(2013): 28-34.
- Fasco, Daniel. Jr. 2001. Education and Creativity. *Creativity Research Journal*, 3(4): 317-327.
- Fisher, N., Gerdes, K., Logue, T., Smith, L. & Zimmerman, I. (1998). *Improving Students' Knowledge and Attitudes of Science Through The Use of Hands-on Activities*. Disertasi. Chicago: Saint Xavier University Sky Light Training & Publishing Field-Based Masters Program.
- Gholamian, Ali. 2013. Studying The Effect Of Guided Discovery Learning On Reinforcing The Creative Thinking Of Sixth Grade Girl Students In Qom During 2012-2013 Academic Year. *Journal Of Applied Science And Agriculture*, 8(5): 576-584.
- Gijlers, Hannie., De Jong, Ton. 2005. The Relation Between Prior Knowledge and Students' Collaborative Discovery Learning Processes. *Journal Of Research In Science Teaching*, 42(3): 264-282.
- Gimin. 2009. Perbedaan Pengaruh Metode Pembelajaran Eksperimen Model SEQIP dan Konvensional Terhadap Hasil Belajar IPA Ditinjau Dari Kreativitas Siswa. Tesis tidak diterbitkan. Surakarta: Program Pasca Sarjana Universitas Sebelas Maret.
- Hamid, A. 2014. *Teori Belajar dan Pembelajaran*. Medan: Unimed.
- Hanggara., Budiyono dan Suyono. 2013. *Eksperimentasi Model Pembelajaran Problem Based Instruction, Inkuiri Terbimbing Dan Konvensional Pada Materi Pokok Bangun Ruang Sisi Datar Ditinjau Dari Kreativitas Siswa SMP Negeri Se- Kabupaten Blora*. Tidak diterbitkan. Surakarta: Program Pasca Sarjana Universitas Sebelas Maret.
- Holmes, Tracy Bicknell and Hoffman, Paul Seth. 2000. Elicit, Engage, experience, Explore: Discovery Learning In Library Instruction. *University of Nebraska - Lincoln*, 5(1): 313-322.
- Jainuri, M. (2012). Pembelajaran Konvensional. Academia.edu, hlm 1-3.
- Jew, Shalin Hai. 2008. *Scaffolding Discovery Learning Spaces*. MERLOT Journal of Online Learning and Teaching, 4(4): 533-548.
- Joolingen, Wouter. V. 1999. Cognitive Tools For Discovery Learning. *International Journal Of Artificial Intelligence In Education*, 10: 385-397.
- Joolingen. V, Wouter . R & De Jong, Tan. 1997. An Extended Dual Search Space Model Of Scientific Discovery. *Instructional Science*, 25: 307-346.
- Joolingen. V, Wouter . R., De Jong, Ton., Lazonder, Ard. W., Savelsbergh, Elwin. R., & Manlove, Sarah. 2004. Co-Lab: Research and Development of An

- Online Learning Environment for Collaborative Scientific Discovery Learning. *Computer In Human Behavior*, 21: 671-688.
- Joyce, Bruce., Weil, Marsha., & Calhoun, Emily. 2009. *Models of Teaching*. Terjemahan oleh Achmad Fawaid & Ateilla Mirza. 2011. Yogyakarta: Pustaka Belajar.
- Kadarohman, Asep. 2007. *Manajemen Laboratorium IPA*. Makalah disajikan pada Rapat Koordinasi Program STEP-2 di Bandung, Departemen Agama Republik Indonesia, Bandung, 8-10 Mei.
- Khalid, Abida & Azeem, Muhammad. 2012. Constructivist Vs Traditional: Effective Instructional Approach in Teacher Educationa. *International Journal of Humanities and Social Science*, 2(5): 171-177.
- King, FJ., Goodson, Ludwika., Rohai, Faranak. 2012. *Higher Order Thinking Skill*. Florida: Center for Advancement of Learning and Assessment, Florida State University.
- Kresma, Eka Nella. 2014. Perbandingan Pembelajaran Konvensional Dan Pembelajaran Berbasis Masalah Terhadap Titik Jenuh Siswa Maupun Hasil Belajar Siswa Dalam Pembelajaran Matematika. *FKIP- Universitas Katolik Widya Mandala Madiun*, 1(1): 152-164.
- Kemdikbud. 2013. *Model Pembelajaran Penemuan (Discovery Learning)*. Jakarta: Kemdikbud.
- Kemdikbud. 2014. *Permendikbud RI No. 59 Tahun 2014: Kurikulum 2013 SMA/MA*. Jakarta: Kemdikbud.
- Kluge, A. 2011. Interaction Design and Science Discovery Learning in The Future Classroom. *Universitetsforlaget, Nordic Journal of Digital Literacy*, 6(03): 157-173.
- Mailizar. 2013. *PISA 2012: Pembelajaran Untuk Indonesia*. Wordpress, hlm 1-2.
- Mariati, P.S. 2012. *Pengembangan Model Pembelajaran Fisika Berbasis Problem Solving Untuk Meningkatkan Kemampuan Metakognisi Dan Pemahaman Konsep Mahasiswa. Jurnal Pendidikan Fisika Indonesia*, 8: 52-160.
- Martin, M.O., Mullis I.V.S., Foy, Pierre., & Stanco, G. M. 2012. *TIMSS 2011 International Results in Science*. Boston Colledge: TIMSS & PIRLS International Study Center.
- Munandar, Utami. 2012. *Pengembangan Kreativitas Anak Berbakat*. Jakarta: Rineka Cipta.
- Nami, Yaghoob., Marsooli, Hossein & Ashouri, Maral. 2014. The Relationship Between Creativity And Academic Achievement. *Procedia-Social and Behavior sciences*, 114(2014): 36-39.
- Qory, D. 2013. *Kualitas Pendidikan Indonesia*. Kompasiana.com, 1-2.

- Ramadhani, I. 2015. *Efek Model Pembelajaran Berbasis Proyek Dengan Strategi Think Talk Write Dan Kreativitas Ilmiah Terhadap Kemampuan Berpikir Tingkat Tinggi Fisika SMA Negeri 1 Babalan*. Tesis tidak diterbitkan. Medan : Program Pascasarjana UNIMED.
- Ramirez, Rachel Patricia B. & Ganaden Mildred S. (2008). Creative Activities and Students' Higher Order Thinking Skills. *Education quarterly*, 66(1): 22-33.
- Resnick, L. B. 1987. *Education and Learning to Think*. Washington, D.C: National Academy Press.
- Riaz, M.N. 1989. Creativity and Psychological Differentiation In High and Low Achieving Science Students. *Pakistan Journal Of Psychological Research*, 4(3-4): 81-92.
- Rudyanto, H. E. 2014. *Model Discovery Learning Dengan Pendekatan Saintifik Bermuatan Karakter Untuk Meningkatkan Kemampuan Berpikir Kreatif*. Tidak diterbitkan. Madiun: Program Studi PGSD IKIP PGRI Madiun.
- Sani, R. A. 2013. *Inovasi Pembelajaran*. Jakarta : Bumi Aksara.
- Slameto. 2010. *Belajar & Faktor-Faktor Yang Mempengaruhinya*. Jakarta: Rineka Cipta.
- Sebayang, S.R. 2015. *Efek Model Pembelajaran Discovery dan Pemahaman Konsep Awal Terhadap Hasil Belajar fisika SMA*. Tesis tidak diterbitkan. Medan: Program Pascasarjana UNIMED.
- Stave, K. A. 2011. Using Simulations for Discovery Learning about Environmental Accumulations. Proceedings of the 29th International Conference of the System Dynamics Society Washington DC, Washington, DC, July 24-28, 2011.
- Sudjana, N. 2014. *Penilaian Hasil Proses Belajar Mengajar*. Bandung: Remaja Rosdakarya.
- Sukiman. 2012. *Pengembangan Sistem Evaluasi*. Yogyakarta: Insan Madani.
- Sulasti, Indrowati. M., & Nurmiyati. 2014. Perbandingan Kemampuan Berpikir Tingkat Tinggi Antara Penerapan Model Discovery Learning dengan Memanfaatkan Potensi Ekosistem Pesisir dan Pembelajaran Konvensional pada Siswa Kelas X SMAN 1 Tanjungsar. *FKIP UNS*, 1(1): 1 - 9.
- Suprayitno, Totok. 2011. *Pedoman Pembuatan Alat Peraga Fisika Untuk SMA*. Jakarta: Direktorat Jenderal Pendidikan Menengah Kementerian Pendidikan dan Kebudayaan.
- Svinicki, Marilla D. 1998. A Theoretical Foundation For Discovery Learning. *The American Physiological Society*, 20(1): S4-S7.

- Swaak, J., De Jong, Ton., & Joolingen van, Wouter R. 2004. The Effects of Discovery Learning and Expository Instruction on The Acquisition of Definitional and Intuitive Knowledge. *Journal of Computer Assisted Learning*, 20: 225-234.
- Tan, Shin .Y., Halili, Siti. H. 2015. Effective Teaching Of Higher-Order Thinking (HOT) In Education. *The Online Journal Of Distance Education and e-Learning*, 3(2): 41-47.
- Tim PISA Indonesia.2011. *Survei Internasional PISA*. Kemdikbud: Badan Penelitian dan Pengembangan.
- Thompson, Tony. 2008. Mathematics Teachers' Interpretation Of Higher-Order Thinking In Bloom's Taxonomy. *International Electronic Journal Of Mathematics Education*, 3(2): 1-14.
- Tim TIMSS Indonesia.2011. *Survei Internasional PISA*. Kemdikbud: Badan Penelitian dan Pengembangan.
- Thomas, Glyn. 2007. Skill Intruction In Outdoor Leadership: A Comparison Of A Direct Instruction Model And A Discovery-Learning Model. *Australian Journal Of Outdoor Education*, 11(2): 10-18.
- Tran, Trung., Nguyen, Ngoc-Giang., Bui, Minh-Duc., Phan, Anh-Hung. 2014. Discovery Learning With The Help of GeoGebra Dynamic Geometry Software. *International Journal of Learning, Teaching and Educational Research*, 7(1): 44-57.
- Vahlia, I., Murdiyana & Sutrima. 2013. *Eksperimen Model Pembelajaran Discovery Dan Group Investigation Terhadap Prestasi Belajar Matematika Ditinjau dari Kreativitas Siswa*. Tidak diterbitkan. Surakarta: Program Pasca Sarjana Universitas Sebelas Maret.
- Veermans, Koen. (2003). *Intelligent Support For Discovery Learning*. Netherlands: Twente University Press.
- Veermans, Koen., Joolingen, Wouter Van., De Jong, Ton. (2006). Use Heuristics to Facilitate Scientific Discovery Learning in a Simulation Learning Environment in a Physics Domain. *International Journal of Science Education*, 28(4): 341-361.
- Yee, M. H., Yunos, Jailani Md., Othman, Widad., Hassan, Razali., Tee, Tze Kiong., Mohamad, Mimi Mohaffyyza. (2012). The Needs Analysis of Learning Higher Order Thinking Skilss for Generating Ideas. *Procedia-Social and Behavioral Sciences*, 59: 197-203.