

DAFTAR PUSTAKA

- Alamaki, A. (1999). *How to Educate Students for a Technological Future: Technology Education in Early Childhood and Primary Education*. Annales: Universitatis Turkuensis. [Online]. Tersedia <http://www.iteaconnect.org/Conference/PATT/PATT10/Alamaki.pdf> [8 Juni 2012].
- Ali, M. (2011). *Memahami Riset Prilaku dan Sosial*. Bandung: Pustaka Cendekia Utama
- Anderson. L. W. (2010). *Pembelajaran Pengajaran dan Asesmen*. Yogyakarta: Pustaka Pelajar.
- Arikunto, S. (2010). *Prosedur Penelitian*. Jakarta: Rineka Cipta
- Aschencrener, M., et al. (2007). "Assessment and Job Stisfaction of Scond Year Agricultural Education Teachersof Creativity". *AAAE Reasearch Conference*. 34, 55-56
- Barron et al. (1998). Doing with understanding:Lessons from Research on Problem and Project-Based Learning. *The Journal of the Learning Sciences*, 7 (3&4), hlm. 271-311.
- Beers, S.Z. (2011). "21st Century Skills: Preparing Students for Their Future". [online]. Diunduh dari http://www.yinghuaacademy.org/wp-content/uploads/2014/10/21st_century_skills.pdf tanggal 12 November 2014.
- Biggs, A. et al., (2005). *Science Level Red*. New York: The McGraw-Hill Companies, Inc
- Blumenfeld, et al. (1991). Motivating Project-Based Learning: Sustaining the Doing, Supportingthe Learning.*Educational Psychologist*, 26(3&4), hlm. 369-398.
- Bondee, V, Kidrakara, P, &Sa-Ngianvibool, W. (2011). A Learning and Teaching Model Using Project-Based Learning (PBL) on the Web to Promote

- cooperative Learning. *European Journal of Social Science*. 21 (3), hlm. 498-507
- Chang, Wong, & Chang. (2011). Integration of Project-Based Learning Strategy with Mobile Learning Case Study of Mangrove Wetland Ecology Exploration Project. *Tamkang Journal of Science and Engineering*: (14): 3, 265-273
- Creswell, John W. (2014). *Research design: pendekatan kualitatif, kuantitatif, dan mixed*. Yogyakarta: Pustaka Pelajar
- Dahar, dan Wilis, R. (1989). *Teori-Teori Belajar*. Jakarta: Erlangga
- Dananjaya, (2010). *Media Pembelajaran Aktif*. Bandung: Nusantra
- Departemen Pendidikan Nasional, (2008). *Pengembangan Model Pendidikan Kecakapan Hidup*. Jakarta: Depdiknas
- Direktorat Jenderal Pendidikan Tinggi Jakarta. (2008). *Buku Panduan Pengembangan Kurikulum Berbasis Kompetensi Pendidikan Tinggi (Sebuah Alternatif penyusunan Kurikulum)*. Sub Direktorat KPS (Kurikulum dan Program Studi)
- Dogan, Y, Batdi, V, & Yildirim, B. (2012). Teacher's View on The Practice of Project Based Learning Approach in Primary School Science Education. *New Perspectives in Science Education* [online]. Diunduh dari http://conference.pixelonline.net/science/common/download/Paper_pdf/124-SEP11-FP-Dogan-NPSE2012.pdf [12 Desember 2014]
- Dugger, William E. (2010). *Evolution of STEM in the United States*. International Technology and Engineering Association, hal 1-8
- Fraenkel, Jack R, Wallen, N.E, dan Helen H. Hyun. (2011). *How to Design and Evaluate Research in Education*. New York: McGrawHill
- Gaer, S. (1998). *What is Project-Based Learning?*[Online]. Tersedia <http://members.aol.com/CulebraMom/pblprt.html>. [8 Juni 2012].
- Gallant, DoJ. (2011) *Science, Technology, Engineering, and Mathematics (STEM) Education*. School of Education Policy and Leadership The Ohio State University

- Hake, R.R. 1999. Interactive-Engagement vs Traditional Methods: a Six Thousand Student Survey of Mechanic Test Data for Introductory Physics Courses. *Journal of Physics*. 66 (1): 64-74.
- Han, S & Bhattacharya., K. (2001). *Constructivism, Learning by Design, and Project Based Learning*. Departemen of Educational Psychology and Instructional Technology, University of Georgia. Tersedia: www.coe.uga.edu/epltt/LearningbyDesign.htm [19 Juli 2012]
- Hewitt, *et al.*, 2007. *Conceptual Integrated Science*. San Fransisco: Pearson Education, Inc
- ITEA, 2000. *Standards for Technological Literacy: Student Assessment, Professional Development, And Program Standards*. Reston, VA: Author
- Jawett, Serway. (2004). *Physics for Scientist and Engineer, Six Edition*. California: Thomson Brook/Cole
- Joyce, B, dan Weil, M. (2011). *Models of teaching* :Pustaka Pelajar
- Karim, dkk. (2008). *Belajar IPA Membuka Cakrawala Alam Sekitar*. Jakarta: Depdiknas
- King, *et al.* (2010). *High Order Thinking Skills*. Florida: A publication of Educational Ervices Program
- Laboy, D. (2010). "Integrated STEM education through project-based learning". [online]. Diunduh dari www.learning.com/imaginemars [2 Desember 2014].
- Mayasari, T., Kadarohman, A., dan Rudsiana, D. *Pengaruh Pembelajaran Terintegrasi Science, Technology, Engineering, and Mathematics (STEM) pada Hasil Belajar Peserta Didik: Studi Meta Analisis*. Surabaya: Prosiding Semnas Pensa VI
- Moiser, G. (2013). "The Impact of Project Based Learning on STEM Education In High-Need Schools". American Education Research: California.[Online]. Tersedia <http://cellorig.uindy.edu/docs/research/PBLSTEMEducation.pdf> [4Desember 2014]
- Munandar, S.C.U. (1990). *MengembangkanBakat dan Kreativitas Anak Sekolah Petunjuk Bagi Guru dan Orang Tua*. Jakarta: Gramedia

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SMP PADA MATERI GELOMBANG BUNYI**

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- Munandar, S.C.U. (2009). *Kreativitas dan Keberbakatan: Strategi Mewujudkan Potensi Kreatif dan Bakat*. Jakarta: PT Gramedia Pustaka
- Murti, K.E., dan Madya, W. (2013). *Pendidikan Abad 21 dan Implementasinya pada Pembelajaran di Sekolah Menengah Kejuruan Untuk Paket Keahlian Desain Interior*. [online]. Tersedia di http://www.p21.org/storage/documents/CTE_Oct2010.pdf [8 Desember 2014]
- National Research Council, 1996. *The National Science Education Standards*. Washington, DC: National Academy Press
- Panasan, M. dan Nuangchalerm, p. (2010). *Learning Outcomes of Project-Based and Inquiry-Based Learning Activities*. Science Publications, 6 (2), 252-255.
- Pratiwi, dkk. (2008). Ilmu pengetahuan alam sekolah menengah pertama. Jakarta: Depdiknas
- Ravitz, J. (2009). Introduction: *Summarizing Findings and Looking Ahead to A New Generation of PBL Research*. Interdisciplinary Journal of Problem-based Learning: 3 (24), 4-11.
- Rivai, V. dan Murni, S. (2009). *Evaluation Management: Analisis Teori dan Praktik*. Jakarta: Rajawali Pers
- Sagala, S. (2011). *Konsep dan Makna Pembelajaran untuk Membantu Memecahkan Problematika Belajar dan Mengajar* (cetakan ke-9), Bandung: Alfabeta
- Saefudin, A.A. (2012). *Pengembangan Kemampuan Berpikir Kreatif Siswa dalam Pembelajaran Matematika Realistik Indonesia (PMRI)*. Jurnal Pendidikan Dasar Islam, Volume 4 no.1 Tahun 2012
- Sahara, L.A. (2008) *Penggunaan Model Pembelajaran Berbasis Masalah untuk Meningkatkan Penguasaan Konsep dan Keterampilan Berpikir Kritis Siswa Pada Konsep Kalor*. Tesis UPI Bandung : tidak diterbitkan
- Saondi, O dan Suherman, A. (2010). *Etika profesi keguruan*. Bandung: Refika Aditama
- Sugiyono. (2012). *Metode Penelitian Pendidikan*. Bandung : Alfabeta.
- Sugiyono. (2013). *Metode Penelitian Kombinasi*. Bandung: Alfabeta
- Sukardi. (2008). *Metodologi Penelitian Pendidikan*. Jakarta: Rineka Cipta

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Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- Thomas, J. W. Mergendoller, J. R. & Michaelson, A. (1999). *Project-Based Learning: A Handbook for Middle and High School Teachers*. [Online]. Tersedia [http://www. Bgsu.edu/organization/ctl/proj.html](http://www.Bgsu.edu/organization/ctl/proj.html). [8 Juni 2012].
- Thomas, J.W. (2000). A Review of Research on Project-Based Learning. San Rafael, CA: Autodesk. <http://www.k12reform.org/foundation/pbl/research>
- Torrance, EP. & Safter, H.T. (1999). *Making the Creative Leap and Beyond*. Buffalo, NY: Creative Education Foundation Press.
- Trefil, J. dan Hazen R., 2010. *The Sciences*. United States: John Wiley & Sons, Inc
- Usman, H. (2006). *Manajemen Teori, Praktek dan Riset Pendidikan*. Jakarta: Bumi Aksara
- Wibowo, F.C. (2013). *Penerapan Model Pembelajaran Fisika Berbasis Proyek untuk Meningkatkan Hasil Belajar Kognitif dan Keterampilan Berpikir Kreatif*. Tesis Pascasarjana UPI. Bandung: Tidak diterbitkan
- Wiersma, W dan Jurs Stephen G. (2009). *Research Method in Education*. Boston: Pearson Education, Inc
- Yusuf, I.R. (2013). *Penguasaan Konsep dan Kreativitas Siswa pada Materi Pokok Sistem Ekskresi Manusia Melalui Penerapan Model Project Based Learning (PjBL)*. (Tesis Program Magister Sekolah Pascasarjana Universitas Pendidikan Indonesia, Bandung)