

## DAFTAR PUSTAKA

- Achmad, A. 2007. *Memahami Berpikir Kritis*. <http://researchengines.com/1007arief3.html>. Diakses 25 November 2013.
- Amali. 2000. *Pendekatan dalam proses Belajar Mengajar*. Bandung: Remaja Rosdakarya.
- Arends, R. 2008. *Learning to Teach*. New York: McGraw Hill Company.
- Araz, G., dan Sungur. 2007. *Effectiveness of Problem-Based Learning on Academic Performance in Genetics. Biochemistry and Molecular Biology Education*, (online), <http://jurnaljpi.files.wordpress.com>. Diakses 26 November 2013.
- Arikunto, S. 2009. *Dasar-Dasar Evaluasi Pendidikan* (Edisi Revisi). Jakarta: Rineka Cipta.
- Belgin, I. 2009. *The effects of problem-based learning instruction on university student's performance and conceptual and quantitative problem in gas concept*. *Eurasia journal of Mathematic, Science & Tecnology Education*, 5(2): 153-154.
- Chin, Christine dan Chia. 2008. *Implementing Problem Based Learning in Biology*. *Journal of Biological Education* (online). <http://www.lob.oerg/downloads/227.pdf>. Diakses 26 November 2013.
- Daryanto. 2009. *Panduan Proses Pembelajaran Kreatif dan Inovatif*. Jakarta: AV Publisher.
- Dimiyati. 2006. *Belajar dan Pembelajaran*. Jakarta: Rineka Cipta.
- Djamarah, S. 2006. *Strategi Belajar Mengajar*. Jakarta: Rineka Cipta.
- Ennis, R.H., Gardiner, W.L., Morrow, R., Paulus, D., dan Ringel, L. 1964. *Cornell Critical Thinking Test Series*. Departement of Educational Policy Studies: Urbana-Champaign.
- Fadholi, A. 2009. *Kelebihan dan Kekurangan model pembelajaran think pair share (TPS)*. <http://ariffadholi.blogspot.com/2009/10/kelebihan-kekurangan-tps.html>. Diakses pada tanggal 16 Desember 2013.

- Freeman, E. 2007. *Strategic Management: A Stakeholder Approach*. Boston: Pitman.
- Fisher, A. 2009. *Berpikir Kritis-Sebuah Pengantar*. Jakarta: Erlangga.
- Getter, K.L. & Rowe. 2008. *Using Simple Cooperative Learning Techniques in a Plant Propagation Course*. NACTA Journal.
- Greening, T. 1998. *Scaffolding for Success in Problem-Based Learning*. <http://www.utmb.edu/meo>. diakses 25 November 2013.
- Hamalik, O. 2005. *Proses Belajar Mengajar*. Jakarta: Bumi Aksara.
- Ibe, N. 2009. *Metacognitive Strategies on Classroom Participation and Student Achievement in Senior Secondary School Science Classrooms*. *Science Education International*, 20 (1/2): 25-31.
- Ibrahim, N. 2000. *Pembelajaran Kooperatif*. Surabaya: UNESA-Universitas Press.
- Killen, R. 1996. *Effective Teaching Strategies, Lesson from Research and Practice*. New South Wales: Social Science Press.
- Kolber, B. 2011. *Extended Problem-Based Learning Improves Scientific Communication in Senior Biology Students*. *Journal of College Science Teaching*, 41(1): 32-39.
- Klegeris, A. & Hurren. 2011. *Problem-Based Learning In A Large Classroom Setting: Methodology, Student Perception and Problem Solving Skills*. *Proceedings of Edulearn Conference, Barcelona, Spain*.
- Klegeris, A., Bahniwal, M. & Hurren, H. 2013. *Improvement in Generic Problem-Solving Abilities of Students by Use of Tutor-less Problem-Based Learning in a Large Classroom Setting*. *Journal of Life Sciences Education*, 12: 73-79.
- Lie, A. 2008. *Cooperative Learning*. Jakarta: Grasindo.
- Liliasari. 2009. *Berpikir Kritis dalam Pembelajaran Sains Kimia Menuju Profesionalitas Guru*. <http://file.upi.edu/direktori>. Diakses 16 November 2013.
- Masek, A. & Yamin. 2012. *The Impact of Instructional Methods on Critical Thinking: A Comparison of Problem-Based Learning and Conventional*

- Approach in Engineering Education*. International Scholarly Research Network.
- Nurhadi dan Senduk. 2003. *Pembelajaran Kontekstual (Contextual Teaching and Learning/CTL) dan Penerapannya Dalam KBK*. Malang: Universitas Negeri Malang.
- Riyanto, Y. 2009. *Paradigma Baru Pembelajaran*. Jakarta: Kencana Prenada.
- Rusman, 2010. *Model-model Pembelajaran Mengembangkan Profesionalisme Guru*. Jakarta: Rajawali Press.
- Rustaman, N., Dirdjosoemarto, S., Yudianto, S. A., Achmad, Y., Subekti, R., Rochintaniawati, D. & Nurjhani, M. 2003. *Strategi Belajar Mengajar Biologi*. Bandung: Universitas Pendidikan Indonesia.
- Sagala, S. 2011. *Konsep dan Makna Pembelajaran*. Alfabeta: Bandung.
- Sanjaya, W. 2005. *Strategi Pembelajaran Berorientasi Proses Pendidikan*. Jakarta: Kencana Perdana Media Grup.
- Slameto. 2003. *Belajar dan Faktor-Faktor Yang Mempengaruhinya*. Jakarta: Rineka Cipta.
- Slavin, R.L. 2005. *Cooperative Learning, Teori, Riset dan Praktik*. Bandung: Nusa Media.
- Sungur, S., Tekkaya, C. & Geban, O. 2006. *Improving Achievement Through Problem Based Learning*. Journal of Biology Education, 40(4):155-160.
- Sudjana, N. 2001. *Penilaian Hasil dan Proses Hasil Belajar*. Bandung: Remaja Rosdakarya.
- Suprijono, A. 2010. *Cooperative Learning Teori dan Aplikasi PAIKEM*. Yogyakarta: Pustaka Belajar.
- Syah, M. 2008. *Psikologi Belajar*. Jakarta: Raja Grafindo Persada.
- Syafii, W. & Yasin. 2013. *Problem Solving Skills and Learning Achievements through Problem-Based Module in teaching and learning Biology in High School*. Journal of Canadian Center of Science and Education, 9 (12): 220-228.

- Tanner, K. D. 2009. *Talking to Learn: Why Biology Students Should Be Talking in Classrooms and How to Make It Happen*. Journal of Life Sciences Education.
- Trianto. 2010. *Model-Model Pembelajaran Inovatif Berorientasi Konstruktivistik*. Jakarta: Prestasi Pustaka.
- Walker, G. H. 2006. *Critical Thinking*. Walker Center for Teaching and Learning. [http://www.utc.edu/walker-center-teaching-learning/faculty\\_development/online-resources/ct-ps.php](http://www.utc.edu/walker-center-teaching-learning/faculty_development/online-resources/ct-ps.php). Diakses 21 Desember 2013.
- Wardana, L. W. 2004. *Problem Based Learning (PBL) Berbasis Teknologi Informasi*. <http://wardana.staf.ugm.ac.id>. Diakses 01 Desember 2013.
- Wianti, A. 2008. *Pembelajaran Melalui metode PBL (Problem Based Learning) dalam Upaya Meningkatkan Mutu Pendidikan*. <http://wianti.blogspot.com>. Diakses 01 Desember 2013.
- Wena, M. 2008. *Strategi Pembelajaran Inovatif Kontemporer*. Jakarta: Bumi Aksara.